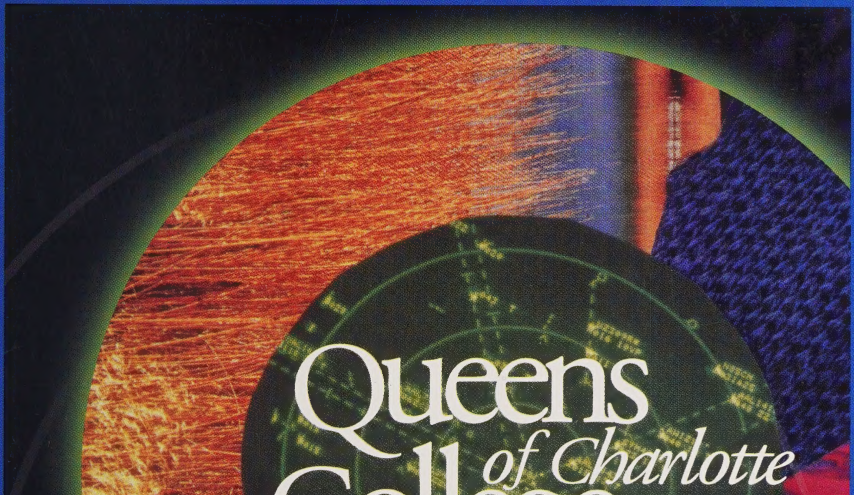
QUEENS COLLEGE


Queens College
of Charlotte

COLLEGE OF ARTS & SCIENCES

2000-2001 COURSE CATALOG

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Queens College of Charlotte

COLLEGE OF ARTS & SCIENCES
2000-2001 CATALOG

Queens College adheres to the principle that all shall have equal opportunity and access to its educational facilities, activities and employment. Queens College does not discriminate on the basis of race, sex, creed, age, ethnic or national origin, or handicap in the administration of its educational policies, admissions policies, scholarship or loan programs, and athletic and other college administered programs.

College of Arts & Sciences Academic Calendar 2000–2001

Fall Term 2000

Friday, August 25	New student arrival
Saturday, August 26	New student orientation
Monday, August 28	New student registration
Monday, August 28	Registration confirmation—returning students
Tuesday, August 29	Classes begin
Tuesday, September 5	Last day to drop/add
Tuesday, September 19	Fall Convocation
Tuesday, October 17	Midterm "D/F" notices
Friday, October 20	Fall holiday
Tuesday, October 24	Last day to withdraw
October 31–November 10	Academic advising
November 14-17	Registration for spring term
Friday, November 17	Thanksgiving break begins, 5 P.M.
Monday, November 27	Classes resume
Monday, December 11	Classes end
Tuesday, December 12	Reading day
December 13-19	Final exams

Spring Term 2001

Monday, January 8	Classes begin
Monday, January 15	Martin Luther King Jr. Holiday
Tuesday, January 16	Last day to drop/add
Tuesday, January 30	Spring Convocation
Tuesday, February 27	Midterm "D/F" notices
Tuesday, March 6	Last day to withdraw
Friday, March 16	Spring break begins, 5 P.M.
Monday, March 26	Classes resume
March 26–April 6	Academic advising
April 9–April 12	Summer and fall term registration
Tuesday, April 17	Awards Convocation
Friday, April 13	Easter holiday
Monday, April 23	Classes end
Tuesday, April 24	Reading day
April 25–May 1	Final exams
Friday, May 4	Baccalaureate, 4 P.M.
Saturday, May 5	Commencement, 10 A.M.

This *Catalog* was accurate at the time of printing. The College reserves the right to make changes in its educational programs as necessary.

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INTRODUCTION TO QUEENS COLLEGE

Queens College is a diversified, co-educational, private, student-centered liberal arts college affiliated with the Presbyterian Church. There are three units of the College which serve the diverse needs of a variety of students. The College of Arts and Sciences offers traditional liberal arts majors, a unique interdisciplinary core program, an international experience, and career preparation through a required internship for a residential student body which is largely drawn from the eastern seaboard. The Hayworth College offers undergraduate and graduate courses of study to a primarily adult student body drawn from the Charlotte area. The McColl School of Business offers business programs in both undergraduate colleges as well as graduate business programs (MBA and EMBA). In all of its educational programs, Queens emphasizes active learning, close student-teacher relationships, and connection between the work of the classroom and the world of work, using the greater Charlotte area for experiential learning.

The College of Arts and Sciences operates under the semester system, Hayworth College and the McColl School of Business operate on a trimester system. This *Catalog* describes the programs of the College of Arts and Sciences. Separate catalogs describe the Hayworth College and the McColl School of Business programs.

ACCREDITATION

Queens College is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (1866 Southern Lane, Decatur, Georgia 30033-4097: telephone number 404-679-4501) to award the following degrees:

- Bachelor of Arts
- Bachelor of Music
- Bachelor of Science
- Bachelor of Science in Nursing
- Master of Arts
- Master of Arts in Teaching
- Master of Business Administration
- Master of Education
- Master of Science in Nursing

The National Association of Schools of Music and the National Association of Music Therapy have accredited the college's programs in music. The National Council for Accreditation of Teacher Education (NCATE) and the North Carolina Department of Public Instruction have fully accredited the education program. The nursing program is accredited by the National League for Nursing and is approved by the North Carolina State Board of Nursing. Queens is also approved for veteran' education.

The business programs in the McColl School of Business are nationally accredited by the Association of Collegiate Business Schools and Programs (ACBSP).

QUEENS COLLEGE MISSION STATEMENT

Queens College, private and Presbyterian, educates students for noble lives, productive careers, and responsible citizenship, all within a changing global community. Queens seeks national preeminence as a student-centered college that enhances the traditional liberal arts with career preparation to provide an education that is both intellectually challenging and practical.

To fulfill its mission, Queens provides its students with opportunities to develop:

- a personal philosophy of life reflecting high ethical standards and spiritual values, commitment to service, and a recognition of the intrinsic worth of all individuals.
- an ability to think clearly and independently, to make critical judgements in a variety of changing contexts, and to communicate effectively in writing and speaking.
- a basic knowledge of the academic disciplines and their interrelationships, and a special competence in one or more areas of study in preparation for professional activity or graduate study.
- appropriate knowledge and abilities to work creatively with others, to adapt to change, and to be responsible citizens and leaders in their communities.
- an understanding and appreciation of culture, including an informed respect for the differences among cultures, and an understanding of the global nature of our society.

HISTORY OF QUEENS COLLEGE

Queens was founded in 1857 as the Charlotte Female Institute, then located on College Street near the center of the city. For five years after 1891, it was called the Seminary for Girls; after affiliating with the Presbyterian Synod of North Carolina in 1896, it became known as the Presbyterian College for Women. In 1912, anticipating the move to its present campus in the Myers Park residential area in 1914, it became Queens College.

That name revived pre-Revolutionary traditions, for in 1771 a group of North Carolina colonists sought a royal charter for a Queens College, to be located in the town of Charlotte, which was named for the British Queen, Charlotte of Mecklenburg. George III refused the petition, doubting the wisdom of creating an institution to perpetuate non-conformist views favored by the Scotch-Irish Presbyterians who had settled in Piedmont Carolina. A school was chartered in 1773, however, under the unusual name of Queens Museum. During the Revolution, it sympathized with the colonial cause and became known as the Liberty Hall Academy.

The academy's post-Revolutionary history is sketchy, but in 1821 the Male and Female Academy Corporation was chartered to operate the Liberty Male Academy, the predecessor of Davidson College, and the Charlotte Female Academy, the predecessor of the Charlotte Female Institute.

In 1930, Queens became related to the Presbyterian Synod of South Carolina through a merger with Chicora College in Columbia, S.C. (formerly in Greenville). With the creation of the Synod of the Southeast in 1973, Queens' official church relationship was extended to include Presbyterians in Georgia as well as those in the Carolinas. Subsequent restructuring of the Presbyterian Church has given Queens ties to both the South Atlantic and the Mid-Atlantic synods.

In the aftermath of World War II, Queens admitted its first male students in a non-residential status. A coeducational Evening College, the forerunner of the New College and present Hayworth College, was created in 1948.

Queens first masters degree program, the Master of Business Administration, began in 1980. The Master of Education program began in 1983 and was replaced by the Master of Arts in Teaching program in 1992. The Master of Science in Nursing program was added in 1998 and the Master of Arts in Organizational Communication program was added in 1999.

In 1979, the traditional undergraduate liberal arts college at Queens was named the College of Arts and Sciences. Also, in 1979 New College was inaugurated as a co-educational undergraduate evening program designed for working adults. In 1987, the College of Arts and Sciences became fully co-educational and, in 1989, adopted the innovative Foundations of Liberal Learning program which is now known as the Core Program in Liberal Arts. The International Experience Program, now known as the John Belk International Program, was established in 1989. The Hugh L. McColl Jr. School of Business was established in 1983 to unify and strengthen the college's programs in accounting and business administration. In 1985, the New College was renamed the Pauline Lewis Hayworth College.

THE COLLEGE OF ARTS & SCIENCES

The College of Arts and Sciences provides a variety of majors and degree programs to students in an environment that is both challenging and supportive. Its deliberate small size enables the College of Arts and Sciences to accentuate concern for the individual and to provide the personal and intellectual interaction, caring, fun and fellowship that are possible only in such a setting.

Of all the elements that combine to make the College of Arts and Sciences distinctive, three in particular deserve special mention:

- Queens' nationally recognized CORE Program in the Liberal Arts introduces students to the important questions in life. It is specifically designed to help students develop the skills of analytical thinking and reasoning. To emphasize the interconnectedness of all knowledge, the CORE Program takes an interdisciplinary approach and utilizes team-teaching techniques.
- The John Belk International Program guarantees every eligible full-time student an opportunity for travel and study abroad. Most of the expense associated with this program is included in Queens' regular tuition and fees. The study tours, led by Queens faculty members, include orientation classes to prepare students for experiencing another culture. Study tours usually take place in May.
- The Internship Program significantly benefits students as they prepare to be productive citizens. Queens College is a leader of liberal arts colleges offering practical experience through internships. College of Arts and Sciences students earn six hours of internship credit as a degree requirement for the bachelor's degree. The College emphasizes internships in its curriculum because of their unique ability to provide students an opportunity to realistically explore the world of work, integrate classroom knowledge, gain marketable skills, and develop professional networks for entry into graduate school or employment.

Internships are coordinated by the director of internships and supervised by a faculty internship instructor and an employer supervisor. Student interns are required to complete specific learning tasks on the job as well as career development assignments such as a performance review, informational interview and professional development seminar attendance, plus resumé, cover letter and memo writing. Internships enhance a student's qualifications for graduate school and the work place.

Many other special opportunities exist for College of Arts and Sciences students:

Charlotte Area Educational Consortium. Queens College is one of 26 member institutions of the Charlotte Area Educational Consortium. Other members include Barber-Scotia College, Belmont Abbey College, Central Piedmont Community College, Davidson College, Gaston College, Johnson C. Smith University, Pfeiffer University-Charlotte, Stanly Community College, the University of North Carolina at Charlotte, Wingate University, Winthrop University and York Technical College. Full-time, degree-seeking students at consortium institutions may register for any course at another institution in the group on a space-available basis without additional charge.

Consortium-sponsored conferences and programs are offered periodically for faculty and students at all member institutions.

Government Internship Program. College of Arts and Sciences students may choose to participate in a government internship program that provides an understanding of practical politics as well as an introduction to government employment. The Queens program is based upon cooperation with existing programs with local, state or federal government institutions. Some of the internship opportunities involve stipends that may be used to defray the costs of the internship to the students.

The Washington Center. College of Arts and Sciences students may apply for Washington internships through the Washington Center. These internships give students opportunities to explore a variety of public-oriented careers and professions. Within the framework of liberal arts studies, they enable students to combine a work and learning experience for academic credit.

Washington Semester at American University. Through a cooperative arrangement with American University, two College of Arts and Sciences students annually may spend one term in Washington, D.C. studying American government. The study is carried out through a seminar of the student's own choosing, an individual research project and regular courses at American University. Applicants must have completed Political Science 201 and have a grade-point average of 2.60 or higher. An additional tuition supplement may be required. Application should be made through the Department of Political Science. For further information, contact the Office of the Registrar.

Records of Progress. The college maintains records of progress on both veteran and non-veteran students. Progress records are furnished to all students at the end of each schedules academic term.

THE CAMPUS

Queens College is located on a wooded campus in the Myers Park area of Charlotte. Its Georgian buildings, many of them constructed in 1914 when the college was moved to this site, have been extensively remodeled. The architectural motif of red brick with white trim has been incorporated in the more modern buildings.

Principal buildings include the following:

Burwell Hall (1914), the focal point of the campus, faces Selwyn Avenue. In addition to the admissions and administrative offices, the building houses the McInnes Parlors which provide a spacious reception area for guests and social events. Robert Burwell served as president of the Charlotte Female Institute from 1857 to 1872, and his wife, Margaret Anna Burwell, was a teacher and principal.

Belk Chapel (1950), was a gift to Queens by the families and associates of William Henry Belk and Dr. John M. Belk, in their honor. Greek revival in architecture, it is equipped with a 39-rank organ and seats 750. It is used for chapel and for other religious services and meetings. The Belk families have been loyal and generous supporters of the college.

Trexler Student Center (1993), honors long-time Queens trustee Charles B. Trexler and his children. Designed to be the "living room" of the college, the Trexler Center is located at the geographic center of the campus. It offers a living room, snack bar, game room, meeting room and a private dining facility –– the Claudia Belk Dining Room. A stairway connects the Trexler Center with the post office and bookstore in the basement of Morrison Hall.

Morrison Hall (1927), includes the Frances Thompson Young Dining hall, which was completely renovated in 1999, a kitchen, the College post office, the College bookstore, ceramics and sculpture studios, and auxiliary rooms. The building is named for its donor, Mrs. Cameron Morrison, wife of a distinguished North Carolina governor.

E.H. Little Fine Arts Center (1966), contains the Charles A. Dana Auditorium, which seats 1,000 for concerts, recitals, plays and lectures. The center also contains the Suzanne Trezevant Little Recital Hall, an exhibition gallery, studios, practice rooms, classrooms for music and drama and music offices that include a library of music, miniature scores and recordings. Major donors of this facility were prominent philanthropists E.H. Little and Charles A. Dana.

Jernigan Building (1914), houses classrooms, the Business Office, the Registrar's Office, the Financial Aid Office, the student bank and the Office of Student Development. Dr. Charlton Coney Jernigan was president of Queens from 1951-53.

John H Sykes Learning Center (2000), is named in honor of Mr. John H. Sykes, a member of the Board of Trustees and a generous benefactor of the College. The building is home to the McColl School of Business and is used by the entire campus for classroom, meeting and event space. The building contains a 214-seat auditorium, 11 classrooms, 10 meeting rooms, 10 faculty offices and a student lounge.

Dana Building (1961), honors Charles A. Dana, a generous benefactor of Queens College. The Dana Building contains classrooms, seminar rooms for smaller classes, a language laboratory, two large lecture halls, the DeWitt Computer Classroom, and faculty offices.

McEwen Hall (1914), was renovated in 1989. The building, named for the late Dr. Mildred Morse McEwen, alumna and professor emeritus of chemistry, includes classrooms, faculty offices, and the International Experience Office.

Ovens Athletic Center (1954), includes a large gymnasium, classrooms, a dance studio, a weight room and a swimming pool. Extensive renovation and remodeling took place in 1989 with the expansion of Queens' athletic programs. David Ovens, business executive and merchant, was a Queens trustee and benefactor.

Walker Science Building (1966), contains laboratories, classrooms, faculty offices and research facilities for biology, chemistry, physics and mathematics. It also houses Queens' Computing Services Center. The building was named for Dr. Edwin R. Walker, a former president of the college.

Watkins Hall (1914), houses the art department and exhibition galleries. It is named for Miss Mildred C. Watkins, member of the faculty from 1895-1909.
Student Health & Wellness Center (1958), provides seven hospital beds and rooms for consultations and treatment. It was a gift of Thomas M. Belk and his wife, Katherine McKay Belk, honoring Dr. John R. Irwin, Dr. Henderson Irwin and Dr. Hamilton W. McKay.

RESIDENCE HALLS

Albright Residence Hall (1964) is named in honor of Miss Thelma Albright, former dean of students and a long-time faculty member at Queens.

The William H. Barnhardt Center (1965), a dormitory facility, honors Mr. and Mrs. William H. Barnhardt. Mr. Barnhardt, a prominent and devoted supporter of the College, was a member of the Board of Trustees.

Belk Residence Hall (1954) honors the late Mrs. William Henry Belk, alumna, trustee and benefactor. The hall was a gift to Queens from Mrs. Belk's sons and daughter.

Hayes Residence Hall (1914) is named for Queens alumna and Board Trustee Mariam Cannon Hayes '37. The Lily Long Lobby in Hayes Hall is named for Miss Lily W. Long, who served the College for half a century and was president from 1891–1899.

Wallace Residence Hall (1962) honors Mr. and Mrs. J. M. Wallace and family. Mrs. Wallace was an alumna, and J. Mason Wallace Jr. was a College trustee.

Other buildings immediately adjacent to the campus include Harris House, the home of Continuing Education., and Withers House.

Other buildings on the campus are named for Dr. Elizabeth H. Blair, former dean of instruction; Mr. and Mrs. W. Z. Stultz, donors; and Miss Laura A. Tillett, professor emeritus of English. These buildings are used for administrative and instructional purposes.

LIBRARY

Everett Library (1960), located at the center of the campus, was built through the generosity of Herschel Hill Everett, chairman of the board of trustees from 1952-67, and his wife, Cornelia Nisbett Everett. A new Georgian-style facade was constructed in 2000, thanks to a gift from Mr. John H. Sykes, a member of the Board of Trustees.

The library collection — the core of the academic community — is designed to support all programs of the college. More than 118,000 books and bound periodicals and 25,000 U.S. government documents are available in open stacks for student use.

In addition, the library currently subscribes to over 600 periodicals and retains *The New York Times* on microfilm from 1910 to the present and *The Wall Street Journal* from 1987 to the present.

The collection, which grows at a rate of 2,000 volumes a year, receives additional support from endowments established by the Friends of the Library. The library's catalog is online and is available on the campus network. The library provides access to the internet and the World Wide Web, and offers instruction in the use of these resources.

The Margaret Louise Chapman Instructional Media Center is located on the lower level of the library. Donated by the Friends of the Library in 1982, it is a full-service media center with equipment and facilities for the production and use of audio and video materials.

Also on the lower level is the Curriculum Resource Center, which houses the Education Division's collection of state-adopted textbooks and other materials for classroom use.

Students have free access to the stacks and may receive instruction in the use of the library at any time. The library encourages use by Queens students, faculty and staff, alumni, Friends of the Library, ministers of the supporting presbyteries and other individuals with special permission.

Everett Library has been enriched by its Friends of the Library organization. Founded in 1971, this community group hosts popular, annual "book-and-author" events; contributes significantly to the interior decor of the building; funds the Browsing Collection; and has established a Special Collections Room in memory of Rena C. Harrell, Queens' first librarian. This special room houses a collection of Charlotte imprints, books on the history of Mecklenburg County and materials relating to the history of Queens College. Thanks to an anonymous gift received in April 1994, the library has the SIRSI Automated Catalog System.

COMPUTING SERVICES

Computing Services. Computing Services for both academic and administrative users is coordinated by the staff of Queens Computing Services, which is located in the basement of Walker Science building. Computing Services houses the IBM AS/400 midrange computer to support the College's integrated administrative software system. In addition, Pentium-level file servers running Novell Netware 4.1 and Microsoft NT Server 4. 0 are available to support the campus network with services such as e-mail and Internet access. The campus network environment is comprised of a switched ethernet fiber optic backbone. Distributed computing capabilites are provided to all administrative offices including support for the College's admissions telecounseling center, and network support for the library's IBM RS600 which provides library automation services.

Faculty members, administrators and staff also have access to individual personal computers with software appropriate to their needs, either resident on each PC's local hard drive or access through the campus network. Student access to computers on campus is provided through the facilities described below:

The Dickson Microcomputer Lab is located in the basement of the Walker Science building, is equipped with 20 Pentium computers with 128 megabytes of RAM. All computers are set up with Windows 98 and are connected to the campus newtork and the global Internet. Software installed includes Netscape Web Browser, Microsoft Office, and course specific software. A high speed HP5si laser printer is available for print output.

The DeWitt Computer Teaching Lab located in Dana Building room 314, is a classroom lab of 22 Dell Pentium 133 computers with 16 megabytes of RAM. These computers are set up with Windows 95, Microsoft Office, Netscape Web Browser, and Pegasus e-mail and are connected to the campus network and global Internet. A high speed HP5si laser printer for printed output and an Epson high resolution screen projection device for the instructor's PC are also available. This facility provides a technology enhanced classroom for courses in information systems and computer instruction.

Language Lab A classroom lab consisting of 12 Dell Pentium 133 computers with 32 megabytes of RAM is available for foreign language students in the library. These systems are equipped with headsets and sound cards for use in language studies. This lab is connected to the campus network as well as the global Internet. An HP6P laser printer is available for printed output.

The Learning Center The lab is equipped with three Pentium100 PCs with Windows 95 and Microsoft Office, is located on the first floor of the McEwen building.

Faculty/Staff Lab Computing facilities for faculty and staff use are available in Computing Services in the basement of Walker Science Building. Items available for use include a PentiumIII computer with 128 megabytes of RAM, a high speed HP5si laser printer, a color Deskjet printer and a Microtek 32-bit color scanner. A Scantron reader is also available. Software includes Microsoft Office and Adobe Photo Delux.

Curriculum Resource Center Lab The Resource Center Lab consists of 8 Macintosh computers, is located in the basement of Everett Library. These systems, equipped with 16 megabytes of RAM, Mac System 7.5, required software for education majors and printer support, are connected to the Internet.

STUDENT RECORDS

Public records/directory information. The following information on individual students is considered Directory Information and is public: full name, local address, home address, e-mail address, telephone number, date of birth, major field of study, dates of attendance at Queens College, class year, degrees, honors and awards received, participation in officially recognized college activities and student organizations, parents' names, and religious affiliation. This public information may be released or published without the student's consent. However, it is Queens' policy to refuse to release information to private firms or mailing lists.

Directory hold. Students who do not wish personal information made public may inform the Registrar's Office, requesting a "Directory Hold" in writing, at registration each term. The Registrar will notify other college offices of such requests. Students should understand that if they withhold directory information, it will not be released to anyone unless the health or safety of an individual is involved. Requests for student data from agencies such as HEW, OEO, and research agencies may be honored without prior approval of the student, ordinarily in anonymous form.

Confidential records. All personally identifiable material on particular students used to make decisions about students or used for transmittal to others outside the college and which is other than public material, as defined above, is considered confidential. Confidential information includes, but is not limited to, the following: academic evaluations, advising records, disciplinary records, financial aid records, letters of recommendation, medical or health records, clinical counseling records, transcripts, test scores, and other academic work.

Official records. Official records are released only with the written permission of the student. Official records include material on students relating to their status as students held by any office of the College and intended for the use of the College or available to parties outside the college. Official records do not include the following: letters of recommendation for which the student has waived the right of access, public safety records, medical and clinical counseling records, financial records of parents, private records kept by individual faculty or administrators as aids to memory but not intended for transmittal to others.

Access to Official Records. Queens College, in accordance with the Family Educational Rights and Privacy Act of 1974, also known as the Buckley Amendment, permits students to inspect their records whenever appropriate and to challenge specific parts of them as necessary. Each enrolled or former student of Queens college has the right to inspect and review official educational records or files of the college directly relating to that student. (Note: Files on individual students are retained for five years after the student leaves the college. Only the transcript is kept indefinitely.) Student access to official educational records or files directly relating to the student is provided in the presence of a staff member. The permanent academic record (transcript) will not be allowed outside the Registrar's office. The right to access does not extend to applicants, those denied admission, or those admitted who do not enroll. Offices may require that requests for access be submitted in writing and may ask for, but not require, the reason for the request. A copy of a student's transcript and/or other recorded data will be made available to college officials who show legitimate educational needs without written permission of the student.

Records will be kept in offices whose functions require such information.

A student is entitled to an explanation of relevant information contained in official records. The student has the right to a hearing to challenge the content of an official record to ensure that it does not contain information which is inaccurate, misleading, or in violation of privacy or other rights, and to correct or delete inaccurate, misleading, or inappropriate material.

Queens College recognizes that the Family Educational Rights and Privacy Act of 1974, as amended, does not intend to exclude release of information regarding dependent students' academic progress/grades to their parent or guardian if such information is requested. Queens College also recognizes the student's right to specify that information regarding academic progress/grades not be released to parent/guardian. Written notification must be made to the registrar.

Records of Progress. The college maintains records of progress on both veteran and non-veteran students. Progress records are furnished to all students at the end of each scheduled academic term.

STUDENT LIFE AND SERVICES

STUDENT LIFE

Queens College realizes that, as important as academic activities are, much of a student's education occurs outside the classroom. Day-to-day living experiences and campus activities are valuable components of a well-rounded education. Through group participation and interaction, students come to know themselves as individuals, to realize their opportunities and to be creative members of the college community. To stimulate this process, the College encourages student initiative and responsibility through student government, the honor system and a variety of student organizations and activities.

The Honor Code. Queens College is firmly committed to principles of honor and prides itself on the spirit of trust that exists among all of its members. At the very heart of Queens College is the Honor Code. The Honor Code is based on the principle that a spirit of trust should pervade all aspects of student life. Its essence is that any violation of the Honor Code is an offense against the community.

The Honor Code at Queens College is the keystone of the College's belief that its students should act honorably and responsibly in all aspects of life, both on- and off-campus. The Honor Code incorporates the high principles of honor and integrity in both personal conduct and academic work. The purpose of the Honor Code is to assist in the development of mature women and men who act responsibly at all times and to promote a community based on the principles of responsible citizenship, mutual trust and respect. The Honor Code is binding on all members of the College community and applies to all phases of life at the College.

An effective Honor Code depends upon each student adhering to the spirit and the letter of its principles. It demands accountability on the part of each student for his or her actions. Queens students are responsible for their personal conduct at all times and shall be subject to review, including possible suspension, for behavior that discredits themselves or the College.

As a commitment to this system of honor, students are asked to sign the Honor Code as part of their application for admission. The Honor Code incorporates two different pledges of student conduct: the academic pledge and the community pledge. In addition, it embodies the individual's commitment to developing a community of honor, including taking action against those who violate the Code:

As a member of the Queens College community, I will endeavor to create a spirit of integrity and honor for its own sake at Queens College.

Academic Pledge: I pledge truthfulness and absolute honesty in the performance of all academic work.

Community Pledge: I pledge to be truthful at all times, to treat others with respect, to respect the property of others and to adhere to College policies.

Accepting both the privileges and responsibilities of living by this code of honor, I resolve to uphold this code and not to tolerate any violations of its spirit or principles.

Student Government Association. Queens students govern themselves through the Student Government Association (SGA), which is divided into three branches: the Senate, the College Union Board and the Judicial Branch.

1. The Senate consists of student representatives from each class. It oversees the operation of all student organizations on campus, supervises the disbursement of student activity fees to each student organization and handles student concerns regarding campus matters and policies.
2. The College Union Board (CUB) is composed of committees which collectively plan programs to enhance the social, recreational, cultural, religious and educational experience at Queens. Several committees carry out the work of the CUB including the following:
   - The Publicity Committee designs promotional material such as fliers and posters for upcoming events.
   - The Cultural Events Committee organizes diverse and innovative programs for the campus and strives to improve cultural awareness on campus.
   - The Film Committee coordinates movie showings and campus film festivals (both indoor and outdoor). Movies include both current releases and film classics.
   - The Recreation Committee plans recreational activities including intramural games, trips to local museums and zoos, and Midnight on Ice.
   - The Religious Life Committee promotes activities to help increase religious activity and awareness on campus. Events include retreats, Oxfam and Moravian Love Feast.
   - The Social Committee sponsors concerts, comedians, lawn concerts, coffeehouses and dance parties for the campus.
   - The Special Events Committee plans two end-of-the semester events each year: Casino Party in the fall and Spring Carnival.
   - The Coffee House Committee plans programs and events with Common Grounds.
   - Rising Artist Committee plans programs and events with area up and coming stars.
3. The work of the Judicial Branch is carried out by three separate bodies. Alleged violations of the Academic Pledge of the Honor Code are heard by The Honor Council. The Campus Judicial Board hears cases of alleged violations of the Community Pledge of the Honor Code. These two judicial boards conduct investigations and hearings, determine the verdict and impose sanctions when warranted. An Appeals Board automatically reviews all cases involving suspension or expulsion. Other cases may be appealed on one or more of the following conditions:
   - The original hearing was not conducted according to established procedure.
   - New evidence or facts exist which were not brought out in the original hearing.
   - There was evidence of discrimination based on age, race, sex, national origin, religion, sexual preference or the exercise of First Amendment rights.

Student organizations. Student organizations provide Queens students with many opportunities to develop self-confidence, leadership skills and a sense of social responsibility. At the beginning of each semester, each organization is represented at Activities Day. Students are able to meet members of the group and find out more information. There are more than 30 active student groups, representing community service, political, social, scholarly and religious interests.

Publications. The *Chronicle*, the student newspaper, is published regularly to keep the College informed of campus events and news, and to serve as a forum for an exchange of ideas among students, faculty and administrators. The *Signet*, the college literary magazine, is published once a year, showcasing the creative writing and artistic talents of the Queens community.

Campus religious life. Queens College provides a climate conducive to the growth and nourishment of lasting religious values. Students are given opportunities to develop their own religious beliefs by voluntarily taking part in regular campus chapel services, fellowship groups and retreats. The college chaplain is available to all members of the Queens community as they seek spiritual understanding and growth.

Athletics. Queens College has been expanding its athletic opportunities and is a member of NCAA Division II. The College offers intercollegiate competition in nine sports. Women's teams compete in basketball, softball, soccer, tennis, volleyball and equestrian events, while the men field teams in basketball, soccer, tennis and golf.

Recreation and intramurals. Queens offers a varied recreation program that permits students to take part in a wide range of sports.

Ovens Gymnasium houses a large gym, a dance studio and a swimming pool. In addition, there are six tennis courts, three of which are lighted. The physical education department makes these facilities available to students on a regular basis through recreation nights and free-swim periods.

HONOR ASSOCIATIONS, HONORS & AWARDS

Several organizations have been established at Queens to recognize high achievement, both in scholarship and in campus leadership.

Alpha Psi Omega, the largest dramatic honor society in the country, began a chapter at Queens in the spring of 1994. Membership is based on points accrued by working in either the performing or technical aspects of theater. Work may be done at Queens or in professional community theaters.

Beta Beta Beta. The Tau Tau Chapter of the Beta Beta Beta National Honorary Biological Society promotes interest in the biological sciences and keeps students aware of new developments in the field. The chapter is affiliated with the N. C. Academy of Sciences. Membership eligibility is based on academic achievement.

Delta Omicron. Omicron Lambda chapter of Delta Omicron, an international music fraternity, was established at Queens in May 1959. The national organization was founded in 1909 at the Cincinnati Conservatory of Music. Membership is open to students doing major or minor work in music, to music faculty, to professional musicians and to concert artists. Scholarship of high quality is requisite to membership.

Janusian Order is an honorary organization that was established at Queens in 1937 and includes students selected from the sophomore class on the basis of outstanding leadership, citizenship and scholarship exhibited during their freshman year at Queens.

Mortar Board is a national senior honor society. Queens'—the 200th chapter—recognizes those students who have demonstrated not only outstanding scholarship but who have made significant contributions as leaders.

Phi Alpha Theta. The Alpha Gamma Kappa chapter of Phi Alpha Theta, an international honor society in history, recognizes excellence in the study of history. A member of the Association of College Honor Societies, the society promotes history through the encouragement of research and the exchange of learning and thought among historians. It seeks to bring students, teachers and writers of history together intellectually and socially. Eligibility is based on academic achievement.

Sigma Theta Tau. Mu Psi is a chapter of Sigma Theta Tau International the honor society of nursing founded in 1922. Students who have completed at least half the nursing major and demonstrate superior academic achievement and leadership potential are invited to join.

Sigma Upsilon, a fraternity for writers, was founded in 1906. The Cakes and Ale Chapter at Queens was established in May 1951. Membership is based on creative literary ability, interest and active participation.

Student Marshals are students who have achieved academic excellence; they are selected each year following fall term on the basis of class rank from a list of eligible degree candidates who are taking a full-time course load. They serve as ushers in academic processions at official College events.

Who's Who Among Students in American Universities and Colleges recognizes noteworthy student leaders on campuses throughout the country and registers them in a national collegiate publication. The students are selected on the basis of scholarship, leadership, citizenship, participation in co-curricular activities and the promise of future contributions to those areas.

In addition to membership in campus honor associations, Queens College recognizes a number of other honors and awards, including the Dean's List, graduation with honors, creative writing awards, various other academic awards, several athletic citations and the Diana Award.

Since 1948, the New York Southern Society has granted to Queens College the privilege of bestowing two Algernon Sydney Sullivan awards each year, one to an outstanding graduate and another to a person who has some other association with the College.

Mr. Sullivan, a distinguished lawyer and the first president of the Society, had such outstanding qualities of moral courage and personal inspiration that the Society created these awards to honor him and to commend others who might exemplify similar qualities.

STUDENT SERVICES

Housing. Queens views on-campus living as an integral part of the educational experience.

There are five residence halls on campus, each with its own distinctive style. They range in size from 70 to 140 students and in type of accommodations from traditional double rooms to suites.

All first-year students are assigned to rooms and roommates by the Office of Residence Life. Other students choose their rooms in an order determined by their reservation fee and by lottery.

The College insurance program is designed to provide protection for Queens' property and does not include the property of students or others. Students and their parents should review their insurance to be sure that coverage is extended to include personal effects while at college.

International students. Queens College welcomes students from a variety of foreign countries and works to make their stay rewarding and productive. The Admissions Office can provide special information about language proficiency requirements, financial aid and housing. The International Studies Program office aids international students with immigration forms, academic advising and special opportunities in the Charlotte community.

Counseling services. Queens has professional counseling services available to students for personal counseling, ongoing growth or community referrals. The Counseling Center is located in the Health & Wellness Center and appointments may be made by calling 337-2556. Counseling is confidential and there is no fee for short term therapy (approximately 10 sessions).

Many other trained professionals are available on the Queens staff. Student development staff members, including resident coordinators and resident assistants, are given training in the rudiments of peer counseling and helping with referrals.

Referrals to off-campus psychologists and psychiatrists may be made by the Counseling Center staff when necessary. The cost of all off-campus therapy is the responsibility of the individual student.

If a student demonstrates that he or she is potentially harmful to himself or herself or to others, appropriate action will be taken. The student will be required to undergo a psychiatric evaluation and the appropriateness of continued residence on campus will be assessed. Personnel in the College counseling center will help the student and the student's family work out a suitable plan for assessment and treatment. The student may not return to the College until an acceptable treatment plan is in place. The student may be withdrawn (six-month minimum) from the institution, dependent upon the outcome of the psychiatric evaluation and the recommendations of the Counseling Center and Student Development. Counseling Center and Student Development personnel are responsible for assessing the student's readiness to return to campus after reviewing the treatment summary and follow-up recommendations. Queens is dedicated to providing students positive learning experiences, without any jeopardy to their ongoing mental well-being.

Health services. All full-time degree candidates enrolled in the College of Arts and Sciences are entitled to the services of the student Health and Wellness Center during the terms in which they are enrolled.

There is a specific procedure for medical coverage when the Health & Wellness Center is closed. Following these guidelines helps maintain continuity of care and increases cost effectiveness of medical care for students.

In case of an emergency during normal hours of operation, students should contact the Health & Wellness Center. If an emergency occurs outside of these hours, students who live on campus should contact a member of the Queens residence staff or campus police to facilitate appropriate assistance.

Medical care obtained off campus, including emergency room visits, lab charges and prescription medication, is the responsibility of the individual student. A health insurance plan is available through the College. Information regarding this plan is sent to each student.

Students must submit a completed medical history and physical examination form to the Health & Wellness Center before enrolling at Queens. This form initiates the student's medical file and facilitates preventive medicine.

North Carolina law mandates that all students present valid documentation of having received certain immunizations. Students who have not received the specified immunizations will not be permitted to attend classes, nor will they be permitted to remain on campus. Immunizations are available at the Health & Wellness Center, which retains immunization records for 10 years.

ADMISSIONS, COSTS AND FINANCIAL ASSISTANCE

ADMISSIONS

Queens College admits students regardless of race, creed, age, sex, national and ethnic origin, or handicap to all rights, privileges, programs and activities generally accorded or made available to students at the College. It does not discriminate on the basis of race, creed, age, sex, national or ethnic origin, or handicap in administration of its educational policies, admissions policies, scholarship and loan programs, and athletic and other college-administered programs.

Freshmen. Students applying to Queens should follow a college-preparatory program in an accredited or approved high school. Four units of English, three units of mathematics, two units of history/social studies, two units of science, one of which must be a laboratory science, and two units of a foreign language are recommended basic preparation.

In evaluating an application, the Admissions Committee considers the applicant's high-school record, especially the quality and amount of college-preparatory work; recommendations from the secondary school; scores from the Scholastic Assessment Test (SAT) or The American College Testing Program (ACT); and the student's own stated objectives.

SAT and advanced placement test applications and information about testing dates may be obtained from secondary school counselors or from The College Board, Suite 250, 2970 Clairmont Road, Atlanta, GA 30329-1639. The College Entrance Examination Board (CEEB) code number for Queens College is 5560.

ACT applications and information about testing dates may also be obtained from secondary school counselors or from ACT Records, P.O. Box 451, Iowa City, Iowa 52240. The ACT code number for Queens College is 3148.

The College operates on a rolling admissions basis. Beginning in October of each academic year and bi-weekly thereafter, completed applications are presented to the Admissions Committee for action. Generally, applicants are notified of the College's decision within 30 days of receipt of a completed application.

Accepted applicants are requested to notify the College of their decision as soon as their college plans are firm or by May 1. Students should reserve their place in the incoming class by sending a non-refundable reservation fee of $200. This deposit is applied toward tuition and room for the applicable term.

Transfers. Queens welcomes transfer students from other accredited colleges and universities. They may apply for admission for fall, spring or summer term. Applicants must ask each institution they have attended to forward two original transcripts and a statement of good standing to the Queens College Office of Admissions.

Transfer students are expected to have followed the recommended high-school curriculum and to have maintained a minimum 2.000 average on a 4.000 scale in previous college work. For liberal arts and sciences courses completed at other accredited institutions, credit usually will be transferred if the grade earned is C or better. Courses transferred from two-year institutions are classified as either 100- or 200-level courses.

International students. Queens College welcomes international students. Candidates must provide the Office of Admissions with a completed college application for admission accompanied by the payment of a $25 filing fee. Application deadlines are June 30 for fall enrollment and October 15 for spring enrollment. Applicants must ask each institution that they attended to forward their transcripts to the Office of Admissions. Transcripts must be translated into English by an official at the high school or college issuing the transcript.

It is recommended that international students take the SAT. Any student for whom English is not the first language must satisfactorily complete the Test of English as a Foreign Language (TOEFL) with a minimum score of 550 on the paper version or 213 on the computer version, and have the score sent to the Office of Admissions. Information may be obtained by writing to the TOEFL Program, Educational Testing Service, Box 899, Princeton, N.J. 08541. The TOEFL code number for Queens College is 5560. Registration arrangements should be made at least two months before the testing date. (In lieu of TOEFL scores, Queens College will accept successful completion of the ELS Language Centers' English language program.)

International students also are required by the Immigration and Naturalization Services to submit a confidential certified financial statement indicating the amount of funds available for their education in the United States.

Adult students. Queens welcomes adult students to the College of Arts and Sciences. Adult students are those who are 25 years of age or older at the time of their first entrance to the College. The adult program follows the same requirements as the traditional age student, except SAT or ACT test scores are not required, but recommended. The Office of Admissions and the Office of Student Development can provide additional information concerning the resources available to the adult student.

Readmission. A degree candidate who has withdrawn in good academic and financial standing and who wishes to return to Queens may apply for readmission by submitting an application to the Office of Admissions. Two original transcripts of any work attempted at other institutions must be sent to the Office of Admissions.

Special students. Students who are not candidates for a degree but wish to enroll for credit may apply as special students.

Special students who do not hold a bachelor's degree are limited to a cumulative total of 15 credit hours. A student holding a bachelor's degree is allowed the privilege of unlimited credit hours. The availability of space may limit enrollment in some courses. Special students must maintain at least a 2.000 average to continue their enrollment.

A special student who wishes to become a degree candidate must apply through the admissions office.

Visiting students. Regularly enrolled students in good standing at other colleges may apply as visiting (transient) students at Queens. Generally, a visiting student is admitted for only one term; however, visiting students may re-apply for additional terms. Application materials may be obtained from the Office of Admissions. Students must have the appropriate official from the parent college submit a letter stating that the student is enrolled in the college, is in good standing and has permission to enroll in courses at Queens to be transferred back to the parent institution.

Advanced placement. Students who have completed college-level work in their secondary schools should take the appropriate Advanced Placement (AP) test administered by the CEEB. In most subjects, Queens grants advanced placement and course credit automatically if the student scores either 4 or 5 on such tests. Advanced placement in English is given for literature courses only.

International Baccalaureate (IB). Queens College will grant six semester hours of elective credit in each area in which a student has achieved a score of 5, 6, or 7 in a Higher level examination. Assignment of specific course credit will be determined at the student's request and the discretion of the individual department. Duplicate credit will not be awarded in the event both AP and IB examinations are completed with acceptable scores. Total credit awarded will not exceed 30 semester hours.

College Level Examination Program (CLEP). Queens also awards credit and advanced placement to students who score satisfactorily on approved subject level tests of the CLEP. Credit will not be granted if it duplicates credit already earned. Neither grades nor quality points will be awarded, nor may CLEP credits satisfy the final 30 hours required for graduation from Queens.

Language placement. All applicants who have taken Spanish, French or German in secondary school and who wish to continue study in that language at Queens should take a language achievement test for purposes of placement. Students who do not take the CEEB language achievement tests may take a language placement test after enrollment at the College.

Accelerated admissions. Students with superior academic records may apply for admission during their junior year in high school. They must submit transcripts, recommendations and SAT scores or ACT scores and schedule a conference with an admissions counselor. In some states, local school authorities will grant a high-school diploma after a year of college work; any such agreement is the responsibility of the student and the local authorities. A student also may obtain a high-school equivalency certificate by examination.

For students who have made plans for graduate school or professional study, accelerated admissions is one way of shortening the time before they can begin their careers.

High-school dual enrollment. Any student who is a junior or a senior in a Charlotte-Mecklenburg area secondary school may enroll for courses at Queens during any term when recommended by the secondary school. Credit earned under the dual-enrollment program may be used at Queens or another institution as college credit when the student enrolls as a degree candidate. A high school student who wishes to become a dual enrollee must apply through the admissions office.

Medical history. All applicants who accept the College's offer of admission must submit a complete medical history, including a physician's certified record of immunizations. Medical forms are mailed to enrolling students and must be filed with the College prior to registration.

Alumni admissions representatives. Local alumni representatives are available to talk with prospective students in a number of cities throughout the country. Their names and addresses may be obtained from the Office of Admissions.

Campus visits. Prospective students and their families are encouraged to visit Queens. They are welcome at any time, but will find visits more beneficial if they are scheduled when the College is in session. The Office of Admissions is open from 8:30 A.M. to 5 P.M. on weekdays throughout the year and until noon on Saturdays by appointment.

Each year a series of special open houses is scheduled for prospective students and parents. Interested students should write, visit our website (www.queens.edu), or call the Office of Admissions (1.800.849.0202) for further details.

In summary. Because the number of places in the Queens student body is limited, prospective freshmen should apply for admission early in their senior year of high school. Application forms should be obtained from the Office of Admissions and should be returned with a non-refundable $25 application fee. Students should request that their transcripts, SAT or ACT scores and recommendations from the secondary school be sent to the Office of Admissions. Transfer students must request transcripts from high school and each college attended. The Office of Admissions will act on an application as soon as all information has been received. Accepted students are requested to mail a non-refundable tuition deposit of $200 to accept the Queens offer of admission.

COSTS

While the Board of Trustees reserves the right to adjust the fee schedules at Queens at any time, the following basic fees have been established for 2000-2001.

Full-time students. Full-time students pay the College of Arts and Sciences full-time tuition rate, which also includes the student activity fee, student accident insurance policy and other services for regular full-time students registered for 12 or more credit hours in each of fall and spring term. Full time students also can receive some basic Health & Wellness Center services at no additional cost.

	Fall	**Spring**	**Annual**
Tuition*	$5,340	$5,340	$10,680
Room and Board	$2,945	$2,945	$ 5,890

* for students enrolled prior to Fall '98 tuition is $7,125 per term.

In addition to tuition, full-time students pay any course and lab fees applicable (i.e. music fees, science lab fees, etc.), as specified in the course listing section of the Catalog. All resident students are required to participate in one of the meal plans (described below).

Part-time students. Part-time students (11 or fewer credit hours per term) not residing in the residence halls pay tuition of $230 per credit hour during fall and spring terms. Part-time students pay a registration fee of $20 per term. In addition to this tuition and registration fee, part-time students pay any course and lab fees applicable, as specified in the course listings section of the Catalog. Part-time students wishing to live in the residence halls must obtain permission from the director of residence life. All resident students are required to participate in one of the meal plans (described below). Part-time students not paying the full-time tuition rate pay for Health & Wellness Center services as received.

Residence halls. Double-room residence hall accommodations are included in the room and board rate of $2,945 per term. If space is available, a student may choose to have a private room for an additional $750 per term. Details of the private room policy are available in the Office of Student Development. Damages to residence halls are billed after the end of each term and are payable when billed.

Telephone/cable/internet access. Each residence hall room is equipped with a telephone line and cable television service. Some residence halls are equipped with internet access into each dormitory room. Students need to provide their own personal telephone, television, and computer to use these services. The cost of the these is included in the basic room charge.

Laundry Machines/Microfridges. Each residence hall room is now equipped with a combination microwave-refrigerator-freezer unit. In addition, each residence hall has state of the are laundry facilities. All resident students have unlimited access to clothes washers and dryers.

Meal plans. All resident students are required to participate in one of the meal plans provided by the college. Students with special dietary needs should have a physician outline these needs in a letter to the dean of student development, so that the meals can be prepared accordingly.

Other Academic Fees / Deposits

Tuition deposit. A $200 non-refundable tuition deposit is required for new students upon acceptance of admission to the college. This fee is applied toward costs for the first term enrolled.

Room damage deposit. A $200 room damage deposit is required for returning resident students. This deposit will be held until the student graduates and/or separates from college housing. For room damage charges incurred prior to graduation/separation, payment is required and will be billed to the student's account. The room damage deposit will be refunded within six weeks after graduation/separation less any room damage costs that have not been paid in the student's last term. This deposit does not eliminate the student's right to appeal any and all room damage charges.

Orientation fee. An orientation fee is required for all new full-time students. This $50 fee is included in the first bill of the term.

Course and lab fees. Specific course and lab fees are given in the Course Listings section of the Catalog. Approximate fees per course are as follows:

CORE Program fees (range)	$30-60
Music fees (range)	$100-250
Nursing course fees	$10

Physical education course fees:

Horseback riding	Approx.	$185
Other courses	Approx.	$25
Science lab fee		$25
Professional Golf Management fee* (per term)		$1,050

**$473 of this fee is non-refundable*

Audited courses. Tuition charges are determined by the total number of courses taken and/or audited.

Dual enrollment (College of Arts and Sciences and Hayworth College or Graduate Programs). Degree candidates in the College of Arts and Sciences taking a total of 12 or more credit hours pay the full-time tuition rate regardless of the division of their credit hours between the College of Arts and Sciences, Hayworth College or Graduate Programs. Degree candidates in the College of Arts and Sciences not paying the full-time tuition rate pay tuition per credit hour based upon the origin of the class for each course.

Teacher certification students. Persons interested in teacher certification who have already earned a bachelor's degree will not be required to pay the College of Arts and Sciences full-time tuition rate. Instead, these students pay tuition of $230 per credit hour, plus appropriate course and lab fees and the $20 registration fee.

Center for Career Development fees. Career Center services are available at no additional charge for enrolled College of Arts and Sciences students. Referrals will be made to use various free Career Center services or to contact professional fee-based career counseling services in the community.

Special Fees

Application fee (non-refundable)	$25
Graduation fee (part-time students only)	$95
Part-time registration fee (non-refundable)	$20
Late payment fee	$20
Private room fee per term	$750
Transcript fee, expedited service only	$15
Parking fee per term (Full Time Students)	$50
Parking fee per term (Part Time Students)	$40

Other Expenses

Insurance. All full-time students are eligible for coverage under the Student Sickness Insurance Plan and will be covered unless an exemption request is filed with the College. The cost for this plan is $190 for one year. Brochures outlining the coverage are sent to all full-time students during the summer. All full-time students are covered automatically by the Student Accident Insurance Plan. Claim forms for these policies are available in the Health & Wellness Center.

Miscellaneous expenses. The cost of books and supplies varies with courses taken, but the average expense is $700 per year. Non-college expenses such as travel, clothing, entertainment and incidentals vary according to individual student needs. Students joining sororities or fraternities will have additional costs for initiation, dues and special assessments. While the full-time tuition rate provides for basic Health & Wellness Center services for students, all students are responsible for paying any charges for special visits, consultations, medicines, laboratory work and hospitalization.

Payment regulations. Upon class registration, the parent or guardian (or the applicant, if not a minor) accepts as binding all fees and regulations set forth in the Catalog.

1. Fall term tuition, room and board fees, less tuition deposit paid, and any financial assistance are payable by Aug. 1, 2000, and the spring term tuition, room and board fees are payable by Jan. 1, 2001.
2. Part-time students pay upon registration for each term.
3. Queens accepts checks, cash, MasterCard or VISA.
4. Students who do not wish to pay in full at the beginning of each term may be interested in the following programs offered by Queens College.

a. Installment plan for full-time students. The annual tuition, room and board fees may be paid in 10 monthly installments (June through March) each year. Payments may begin after June by remitting two installments in July or three installments in August. The annual enrollment fee is $50. Information on this program is sent to all full-time students during the summer and is available in the Business Office. A late payment penalty is incurred if an installment is not paid by the due date. The college reserves the right to deny participation in this plan to students on the basis of their payment history with the college. The college can automatically draft your checking or savings account each month. Information is available in the Business Office. Credit card payments may be made by either calling the Business Office each month or submitting a credit card authorization form monthly. Credit cards will not be drafted monthly.

b. Installment plan for part-time students. Payment for fall term may be made in four equal installments, the first payment due at registration and then by the 25th day of September, October and November. Payment for spring term may be made in four equal installments, the first payment due at registration and then by the 15th of February, March and April. Summer term payments may be made in three installments due at registration, June 15th and July 15th. An enrollment fee of $45, payable upon registration, is incurred each term tuition is deferred under this plan. A late payment penalty is incurred if an installment is not paid by the due date. The College reserves the right to deny participation in this plan to students on the basis of their payment history with the College. Credit card payments may be made by either calling the Business Office each month or submitting a credit card authorization form monthly. Credit cards will not be drafted monthly.

c. Unsecured educational loans. There are a variety of student and parent loans available. Information on these loans is available in the Queens College Office of Financial Aid.

d. Employer Assistance Deferment Plan. The Employer Assistance Plan (EAP) is a deferment plan available to students whose employer will reimburse them for tuition at the end of the term. Under this plan, tuition for fall term is due by Jan. 31, spring term by June 11 and summer term by Sept. 22. Students wishing to apply for this plan must submit the EAP application form to the Business Office as soon as possible but no later than four weeks into the term. These forms are available in the Business Office and the Office of Adult Admissions. A deferment fee, payable upon registration, is incurred each term tuition is deferred under this plan-$50 for the first course and $25 for each additional course. A late payment penalty is incurred if a payment is not made by the due date. The College reserves the right to deny participation in this plan to students on the basis of their payment history with the College.

5. A student is not permitted to attend classes until satisfactory arrangements have been made to meet all financial obligations. Continued class attendance is contingent upon maintaining good financial standing throughout the term.
6. Diplomas, certificates and transcripts are issued only when a student's accounts has been paid in full.
7. Credits for scholarships and financial assistance are divided equally between the fall and spring terms.

Withdrawal from a course. Students who drop from a course during the Drop/Add Period will have their tuition adjusted if they fall below 12 credit hours. Students with less than 12 credit hours will need to receive permission from the Dean of Students to remain in the dormitories. There will be no tuition refunds for course withdrawals after the Drop/Add period.

Withdrawal from the College

Withdrawal-illness. Students who withdraw from the college or drop all courses during the academic year for medical reasons will have tuition, room and board prorated as of the date of withdrawal, provided the physician recommends withdrawal in a letter to the registrar.

Withdrawal-academic ineligibility. A student determined by the Student Qualifications Committee to be academically ineligible to return will receive a refund if the student has made payments or has a credit balance toward the next term's tuition and fees. Such decisions are made at the end of each term.

Withdrawal-other reasons. Students who withdraw from the college or drop all courses, effectively leaving the college for the term, prior to completing at least 60% of the term will have tuition, room and board for the current term prorated.

Students who feel that individual circumstances warrant exception to this policy may appeal to the Financial Policies Committee, provided such appeal is made in writing to the treasurer before the end of the term for which proration is requested.

If the college determines that the students is due a refund and all or part of the student's institutional charges were paid with federal, state or institutional financial assistance funds, all or a proportional part of the total refund must be returned to the appropriate programs. If there is a balance due to Queens College as a result of these refunds, the student will be responsible for payment.

The amount to be returned will be determined according to the formula mandated by the US Department of Education in the Higher Education Act of 1965, as amended by Congress in 1998. In accordance with federal regulations, Queens will credit refunds to financial assistance programs in the following order:

1. Outstanding balances on Federal Family Education Loan Programs (including Stafford and PLUS).
2. Federal Pell Grants
3. Federal SEOG
4. Other Title IV programs
5. North Carolina programs

   Note: In order for a student to keep any portion of the North Carolina Legislative Tuition Grant, the student must have been enrolled full-time as of October 1 or the tenth day of the spring term.
6. Queens College programs.

A detailed worksheet of the refund policy is available in the Office of Financial Aid and is provided to students upon request.

FINANCIAL ASSISTANCE

As a private institution that places the quality of the educational experience above other considerations, Queens realizes that the cost of attending college is a matter of overriding importance for many families. Applicants should not hesitate to apply for financial assistance. Queens will attempt to meet the financial need of applicants and welcomes the opportunity to work with students and their parents. Although most awards are based on financial need, some aid is based on the academic and leadership abilities of applicants, whether or not they have demonstrated need.

Federal programs. *Federal Pell Grants* are available to eligible undergraduate students on the basis of financial need. The grants range from $400 to $3,300 per academic year. A student must complete the Free Application for Federal Student Aid (FAFSA) to determine the amount for which the student is eligible.

Federal Supplemental Educational Opportunity Grants (FSEOG) are available on an annual basis to full-time undergraduate students with exceptional financial need. These grants range from $100 to $1,000, and priority is given to Federal Pell Grant recipients.

Federal Work-Study (FWS) awards are made at the discretion of the Office of Financial Aid to students who demonstrate financial need. These awards are based on available funding.Each student awarded work-study will be placed in a campus job and paid monthly for hours worked.

Federal Stafford Loan eligibility is determined by the Financial Aid Office. Loans are made by banks, credit unions, savings and loan associations and other agencies. Annual loan limits are $2,625 for freshmen; $3,500 for sophomores; and $5,500 for juniors and seniors. Two types of Stafford Loans are available: subsidized Stafford Loans (need-bassed loans on which the federal government pays interest during enrollment) and unsubsidized (non-need-based loan on which the borrower pays interest during enrollment). Terms for the loans and applications may be obtained from participating agencies or from Queens Office of Financial Aid. Students must complete a FAFSA to determine eligibility for Stafford Loans.

PLUS (Parent Loans for Undergraduate Students) Program allows parents to borrow up to the cost of attendance minus any financial aid the student receives. Interest is variable and repayment begins within 60 days after final disbursement. Terms for the loans and applications may be obtained from participating agencies or from Queens College Office of Financial Aid.

The amount of funds available to Queens students under FSEOG and FWS programs is determined by allocations made to the College each year by the U.S. Department of Education. All federal programs are subject to revision of funding or regulation by congressional action. Students are encouraged to contact the Office of Financial Aid for the most up-to-date information on these programs.

North Carolina programs. *North Carolina Legislative Tuition Grants (NCLTG)* are available to North Carolina residents pursuing their first bachelor's degree who are enrolled for at least 12 credit hours per term. For 2000-2001, the NCLTG is $1,750.

The State Contractual Scholarship Fund is provided to Queens College by an act of the North Carolina General Assembly. Scholarships are available to full-time undergraduate students who are legal residents of North Carolina. This fund assists qualified students who demonstrate need.

The North Carolina LEAP Program provides grants up to $1,500 per academic year for eligible students who are North Carolina residents. Recipients must demonstrate substantial financial need and apply by completing the FAFSA and mailing it before March 15. Awards are determined by The College Foundation of North Carolina.

The North Carolina Prospective Teachers Scholarship Loan Fund awards scholarships in the amount of $2,000 for each academic year. The criteria for awarding scholarships are measures of academic performance, including grade-point average, scores on standardized tests, class rank and recommendations of guidance counselors. Teaching in North Carolina public schools upon graduation allows cancellation of the loan at a prescribed amount per year of service. Application should be made to the State Department of Public Instruction, Raleigh, North Carolina. Further information is available in the Office of Financial Aid.

Queens College Programs. *Presidential Scholarships* are awarded annually to five graduating high school seniors based on superior academic and leadership achievement. These full tuition scholarships are for four years. A seperate scholarship application (available from the Office of Admissions) is required in addition to the admission application. For consideration, both applications must be postmarked by December 15th. Scholarship finalists are interviewed during Scholars Weekend in Feburary

Presidential Scholarships at Queens have been named for or established by:

James H. and Eleanor H. Barnhardt
Coca-Cola Foundation
W.R. Cuthbertson and children
Dowd Foundation
First Union National Bank
Bertha Frey Foundation
Judy Cochrane Gilman
Willie Choate Hampton
Alex Hemby Foundation
Annabel Lambeth Jones
David Gilchrist Jones
John Wesley Jones
Lou Finch Jones
Frances Carroll McColl
Virgilia Cole Moore
Jane Ellen Norman Nichols
Ruth Harding Stowe
Marguerite T. Trexler
Virginia Gray Vance

Mecklenburg Scholars are selected from among the graduating seniors of Charlotte-Mecklenburg public and private high schools. Candidates must possess superior academic record, leadership achievement and a demonstrated commitment to school, church or community. These full tuition scholarships are awarded annually to three students and are available for four years of study. A separate scholarship application (available from the Office of Admissions) is required in addition to the admission application. For consideration, both applications must be postmarked by December 15th. Scholarship finalists are interviewed during Scholars Weekend in February.

John H. Sykes Trustee Scholarships are awarded to graduating high school seniors who have exhibited outstanding records in scholarship, leadership, and have demonstrated a high level of service to school, church or community. Awards range from $2,000 to $4,000 annually and are available for four years of study. Students accepted for admission by February 1st receive scholarship consideration. Scholarship finalists are interviewed during Scholars Weekend in February.

Queens Scholar Awards are awarded to graduating high school seniors who have exhibited outstanding records in scholarship, leadership, and have demonstrated a high level of service to school, church or community. Awards range from $1,000 to $3,000 annually and are available for four years of study. No separate scholarship application is required. Students accepted for admission by February 15th receive scholarship consideration.

Outstanding Minority Scholarships are awarded annually to graduating high school minority students (African-American, Hispanic, Native American, Asian or Pacific Islander) with outstanding academic credentials and leadership records. Awards range from $1,000 to $4,000 annually and are available for four years of study. No separate scholarship application is required. Students accepted for admission by February 15th receive scholarship consideration.

Outstanding Minority Scholarships at Queens have been named for or established by:

Coca-Cola Company
Dillon Read & Company
First Boston Corporation
William Randolph Hearst
Agnes Hochstettler
Morgan Stanley & Company, Inc.
Merrill Lynch & Company
J. Norman Pease and Ann Pease Gaskell
Price Waterhouse
Robinson-Humphrey Company, Inc.
Salomon Brothers, Inc.
Wachtell, Lipton, Rosen & Katz, P.A.
James D. Wolfenshon, Inc.

Carol G. Belk Scholarships are awarded to graduating high school seniors who have demonstrated outstanding leadership in their high school, church or community and have the potential to continue as campus leaders at Queens. Awards range from $1,000 to $2,500 annually and are available for four years of study. No separate scholarship application is required. Students accepted for admission by February 15th receive scholarship consideration.

Community Service Grants provide an opportunity for students to volunteer in one of Charlotte's many human service agencies (100 hours per semester). Awards are made to graduating high school seniors with a proven commitment to community service. Annual awards of $2,200 are awarded to students as a grant towards their tuition costs. Awards are renewable. A separate application (available from the Office of Admissions) is required. Deadline for consideration is February 15th.

Achievement Scholarships are awarded through the generosity of many donors and Queens College. Awards range up to $3,800 annually and are awarded based on academic and leadership achievements and service to school, church or community. Awards are renewable and no separate scholarship application is required. Students accepted for admission by February 15th receive priority in scholarship consideration.

Matching State Grants. Queens will match the state grants for private institutions for graduating high school seniors from the states of Florida, Georgia, Kentucky, and South Carolina. Awards range up to $3,000 annually and are renewable.

Charles A. Dana Scholarships are awarded annually to students in each of the rising sophomore, junior and senior classes, who maintain outstanding records for scholarship and leadership. Recipients are selected at the recommendation of the Faculty Honors Committee.

Crown Royal Fellowships are available to entering adult students making application as degree candidates in the College of Arts and Sciences. Fellowships, ranging from $300 to $1,700, are based on the student's academic achievement, scholarly promise, personal achievement and outstanding character. Fellowships are not based on financial need. The number of awards may vary each year based on financial availability.

Music/Drama/Art Scholarships. Fine Arts Scholarships are awarded to graduating high school seniors who plan to major or minor in music, drama or art; or major in music therapy. Awards range up to $3,000 annually and are based on academic background, talent and degree of advancement. An audition or portfolio review is required. Awards are based on faculty recommendations. Students accepted for admission by February 15th receive scholarship consideration.

Athletic Scholarships. NCAA Division II awards are based on the recommendation of the athletic department in the following sports:

Men's
Basketball
Cross-Country
Golf
Soccer
Tennis

Women's
Basketball
Cross-Country
Golf
Soccer
Softball
Tennis
Volleyball

Other named scholarships. Queens awards many other scholarships on the basis of academic merit and/or financial need. These include scholarships named for or established by the following:

William Wirt and Elizabeth Scott Akers
Naomi G. Albanese
American Express
American Schlafhorst Foundation
Robert C. & Sadie G. Anderson Foundatio
Frances & Virginia Barrett
Ann Everett Belk
Dr. Andrew Blair
Elizabeth Blair
Blumenthal Foundation
Sarah Locke Blythe
Sara Doll Burgess
Florence Fox Butler
Clara H. Carswell
Rosalie Outlaw Cassels
Cato Corporation
The Charlotte Panhellenic Congress
Chick–Fil–A
Coltec Industries
Marjorie Knight Crane
Ophelia Hart Cranford
Rose Grubb Daniel
Duke Power Company
Helen Ellis
Frances D. Evans
Rose Neel Evans
John Fennebresque
First Presbyterian Church, Sumter, SC
J. Lee Flowe & Addie Belk Flowe
Donna Hanson Gillespie
Ginter Foundation
Glaxo Foundation
Betty Griffen and Eula Shull
B.F. Goodrich
Griffin Foundation
Willie Hines Gwaltney
Hope & Pat Hall
The Harman Fund
James J. & Angelia M. Harris
Pauline Lewis Hayworth
Ellen Brantley Heath
Stephen A. Iyoob
James M. Johnston Trust
Carolyn M. Jones
Julia Jones
Lou Finch Jones
Mary Kennedy
Joseph Lammers
Maurice B. Landers
Judy Moore Leonard
Annabel Jones Link
E H. Little
Hugh L. McColl Sr.
Marjorie McDorman
Mildred Morse McEwen
Foster G. & Mary W. McGaw
Foster G. McGaw
Mary W. McGaw
Carolyn G. McMahon
Donald Drake McNeill
Oscar Lee & Rose Evans Miller
Mrs. Ben W. Montgomery
NationsBank Corporation
Gertrude M. Norman

Nelle Evans Nye
Ann Vandiver O'Quinn
Alice Barron Pearce
Piedmont Club Foundation
Piedmont Natural Gas
Presser Foundation
Norris & Kathryn Preyer
Laura Janette Quattlebaum
Rankin-Cunningham Foundation
F.M. Redd & Bessie Flowe Redd
Eloise M. Roberts
Mary F. Ross
Sanger Clinic
George A. Shealy
R. Edwin Shelton
J. Luther Snyder
Loma Squires
George Stegner
Worth Stewart
E. Lee Stoffle
Kathryn L. Taylor
Carol Bishop Thornhill
Isabelle W. Trexler
UPS Foundation
Wachovia Corporation
May Ervin Wall
Lettie Pate Whitehead Foundation
Evelyn T. and Wilmer B. Young

National Presbyterian College Scholarship Program (NPCSP). Queens College is one of 65 Presbyterian-related colleges which participate in the NPCSP. The NPCSP affirms excellence in scholastic ability and leadership and encourages superior students to attend Presbyterian-related colleges. Funds for awards are provided by the colleges and the Presbyterian Church (USA) Vocation Agency. Applications are available to confirmed members of the Presbyterian Church (USA) through high school guidance offices and churches. All forms must be completed and received by December 1. Finalists are selected by a National Committee in mid-March. Scholarship amounts are determined on the basis of financial need.

Ministerial tuition remission. Tuition remission is available to any full-time student who is the dependent or spouse of an active Presbyterian minister. Dependents of active ministers of the Presbyterian Church (USA) Mid-Atlantic synod receive a 20 percent tuition remission. Dependents of active ministers in all other synods of the Presbyterian Church (USA) receive a 15 percent tuition remission.

Family tuition remission. Tuition remission is available to any incoming student whose family currently has one or more family members already enrolled at Queens in the College of Arts and Sciences on a full-time basis. A 10 percent tuition remission will be granted to the incoming member of the family, providing that two or more dependents will be enrolled in the College of Arts and Sciences on a full-time basis during the same academic term.

Financial Aid Application. To be considered for need-based financial assistance, students must have been admitted to Queens as degree candidates and must complete and submit the Free Application for Federal Student Aid (FAFSA). The form is available from Queens' Office of Financial Aid. The FAFSA also may be obtained from high school guidance counselors.

A copy of the family's federal income tax return, as well as other documentation, may be required for verification purposes. Applications for financial aid should be submitted by entering students as early as possible after January 1 of their senior year. Students filing before March 1 will receive priority in funding.

Financial aid policies. The Student Qualifications Committee evaluates students' progress and determines eligibility for continuing enrollment, according to the standards outlined in the "Student Qualifications" section of this Catalog. Students receiving financial aid funds must meet these minimum standards. Standards for satisfactory academic progress are listed below.

Since renewal of need based financial aid is not automatic, rising sophomores, juniors and seniors must reapply for assistance each year by completing the Renewal FAFSA provided to them by the U.S. Department of Education. The amount offered in grants, loans and work-study funds also may vary from year to year.

Financial aid recipients who withdraw during the school year and are due a refund under the established Queens refund policy must return an appropriate portion of the refund according to the policy entitled "Withdrawal—Financial Aid Policy" located elsewhere in this catalog.

Queens College reserves the right to review and modify an offer of financial aid should the recipient receive aid from other sources.

Satisfactory academic progress policy. This policy is applicable to all students receiving financial aid from the federal or state government or from Queens College.

Evaluation of academic progress will be made at the end of the spring semester by the Financial Aid Officer. The academic year evaluated may include any combination of the prior summer term, fall semester and spring semester.

Students must maintain the grade-point averages required for their student class status as stipulated by the Student Qualifications Committee for continued enrollment at Queens College. These are found in the "Student Qualifications" section of this Catalog.

Students must show progress toward completion of their degree requirements to continue financial aid eligibility. The financial aid eligibility time frame for completion of a degree program cannot exceed 150% of the published length of the degree. For example, if your degree requires 120 credit hours to graduate, you are eligible to receive financial assistance until you have attempted 180 credit hours. Additional time needed to complete the undergraduate or graduate degrees beyond the maximums stipulated must be entirely at the student's expense.

Transfer students are treated as first year students for measuring the financial aid eligibility time frame for completion of a degree program. Repeated courses, course withdrawals, incompletes and course failures count as hours attempted but not completed.

Students who fail to meet these minimum standards of academic progress will be placed on financial aid probation for a period of one academic term. During the probationary period students may continue to receive financial aid provided they are otherwise eligible. Students have this period to re-establish satisfactory academic progress. If, at the end of the financial aid probation period, the students are able to re-establish satisfactory academic progress, the probation period is lifted. If, at the end of the probation period, the students fail to re-establish satisfactory academic progress, they will no longer be eligible to receive financial aid until such time that the minimum standards are met.

Students placed on probationary or ineligible status may appeal such action to the Financial Aid Committee if they believe that extenuating circumstances prevented them from maintaining satisfactory academic progress. Such appeals should be a letter submitted to the Financial Aid Office within two weeks of the end of the probationary period (end of exams) or notification of placement of probationary status. The letter should include an explanation of any unusual circumstances and supporting documentation. The Financial Aid Appeals Committee must respond to the appeal within two weeks from date of receipt. If the appeal is granted, the students' progress is assumed to be satisfactory and progress is then measured from the time of the granted appeal. If the appeal is denied, the required minimum grade-point average must be achieved at the student's own expense. Once the minimum standards have been achieved, students are again eligible for financial aid. The decision of the Financial Aid Appeals Committee is final.

THE ACADEMIC PROGRAM

Queens College offers programs in the College of Arts and Sciences leading to the Bachelor of Arts degree, the Bachelor of Music, the Bachelor of Science and the Bachelor of Science in Nursing. While these programs differ from each other in significant ways, each is rooted in the tradition of liberal education, and each provides students with an integrated and coherent program of study including the skills, competencies and knowledge necessary for a meaningful and successful life. Accordingly, all students earning the bachelor's degree in the College of Arts and Sciences must complete the Core Program in the Liberal Arts and certain other specific degree requirements described below:

CORE PROGRAM IN THE LIBERAL ARTS

All full-time candidates for all degrees in the College of Arts and Sciences must successfully complete the five courses in the CORE Program in the Liberal Arts. The Core Program is a required, three year, interdisciplinary and interactive common experience organized developmentally and devoted to helping students examine the nature and direction of their lives. Program goals and content may be found in the "Courses of Instruction" section of the Catalog.

Students who enter Queens as freshmen take CORE 110, Ancients, in the fall semester, and CORE 120, Moderns, in the spring semester. Sophomores take CORE 210, American Issues, in the fall semester and CORE 220, Global Issues, in the spring semester. There are no Core Program courses in the third, or junior year. Seniors take CORE 410, Ethics, in either the fall or spring semester. The CORE courses should be taken in sequence and must always be taken for a letter grade. Complete course descriptions of the Core Program courses may be found in the "Courses of Instruction" section of the Catalog.

Information about Core Program requirements for students who transfer to Queens and for part-time, degree-seeking students is found in the "Academic Regulations" section of the Catalog.

OTHER DEGREE REQUIREMENTS

To earn a baccalaureate degree in the College of Arts and Sciences, a student must complete a minimum of 122 semester hours, at least the minimum stipulated number of semester hours in the student's major and concentration, and at least 36 semester hours at the 300 level or above. The student must earn a minimum cumulative grade-point average of 2.000 in all work at Queens and in all work in the major and concentration and must be in good standing with the Honor Code at the time the degree is awarded. In addition, each student must fulfill the following requirements:

Writing proficiency requirement. A student must enroll in and successfully complete English 110 and English 120 and successfully pass the English Proficiency Test in order to graduate. The test is given at the conclusion of English 120.

Writing-intensive course requirement. All students must successfully complete one writing-intensive course in their major. One or more writing-intensive courses have been identified for each major; where several courses have been identified, students must take one, but may take others if they desire.

Mathematics proficiency requirement. Upon entry into the College of Arts and Sciences, all students will be required to take a mathematics placement test. On the basis of the placement test results and their previous academic record, students will be placed in one of three categories. Those placed into category one will not be required to take a mathematics course as a general college requirement; these students are encouraged to continue their mathematical education. Those placed into category two or three are required to successfully complete either MATH 104 (Mathematical Ideas), MATH 105 (Finite Mathematics), MATH 110 (Optimization) or MATH 111 (Precalculus). Students who place in category three will be advised to enroll in MATH 099 (Basic Mathematics) before enrolling in either MATH 104, MATH 105, MATH 110 or MATH 111.

Foreign language proficiency requirement. All students whose native language is English must demonstrate competency in a foreign language through the 102 level in order to earn the bachelor's degree. Competency may be demonstrated through a placement examination administered by the foreign language department or by successfully completing a three-hour course in that language at the 102 level or above.

Natural science requirement. All students must successfully complete at Queens College at least one laboratory-science course carrying a minimum of four semester hours of credit. Course work completed at another accredited institution prior to admission into Queens may be accepted to meet this requirement. Courses that satisfy this requirement are BIOL 103, ENVR 101, CHEM 101, CHEM 111 and PHYS 101. BIOL 111 fulfills the natural science requirement for music therapy majors only.

Internship requirement. All students must enroll in and successfully complete INTE 297, INTE 498 and INTE 499. INTE 297, The World of Work, must be completed in the sophomore year. INTE 498 and 499, a two-semester internship at one site, must be completed in the junior year. INTE 498 and 499 may be repeated in the senior year if a student desires. Students majoring in education, music therapy and nursing will fulfill this requirement through practicum experiences in their major. Adult students and students with 36 hours or more of transfer credit are exempt from this requirement.

Physical education requirement. A student must complete two physical education courses, each carrying one semester hour, preferably by the end of the sophomore year. No specific courses are required, but non-swimmers are urged to take PHED 151, Beginning Swimming, in the fall term of their freshman year.

The dean of the College of Arts and Sciences may exempt students from the physical education requirement for medical or other appropriate reasons. Such requests should be submitted in writing, normally with a supporting recommendation from a physician or the chair of the physical education department. Any student exempted from the physical education requirement must still earn 122 semester hours in order to graduate.

Residency requirement. Every candidate for a baccalaureate degree in the College of Arts and Sciences must complete at least 45 of the minimum 122 semester hours required for graduation at Queens College. At least 30 of the 45 hours must be completed in the College of Arts and Sciences. The last 30 hours must be completed at Queens or in a Queens-approved program. No more than 60 academic credit hours and no more than four credit hours in physical education transferred from two-year institutions may be applied to the minimum 122 hours required for graduation. Students must complete at least 60 hours at Queens to be eligible for graduation with honors.

However, students who hold an undergraduate baccalaureate degree from another accredited institution or from Queens and are seeking a second degree must complete at least 30 hours at Queens over and above the hours earned for the first degree.

Convocation requirement. A student must attend the Fall, Spring and Awards Convocations held annually.

Assessment requirement. Students are required to participate in a program of evaluation and assessment administered by the College to measure the effectiveness of a Queens education. This program will include both objective and reflective measurements offered from time to time during the student's years at the College.

ACADEMIC PROGRAMS

Degree Programs

Bachelor of Arts. A major for the Bachelor of Arts degree shall consist of no fewer than 30 credit hours. No more than 40 credit hours in the major department shall be required; students may, however, take more than 40 hours in a major department at their own initiative.

Bachelor of Science. A major for the Bachelor of Science shall consist of no fewer than 32 credit hours.

Bachelor of Music. Queens College offers both the Bachelor of Arts in Music and the Bachelor of Music degree. The Bachelor of Music program includes majors in applied music and music therapy. Students must have permission of the Department of Music to enter any of the Bachelor of Music programs. The music therapy major is a 4½-year program accredited by the National Association of Music Therapy and the National Association of Schools of Music. The program prepares students for work with children and adults who require special therapy because of behavioral, learning or physical disorders.

Bachelor of Science in Nursing. Candidates for the Bachelor of Science in Nursing degree are required to meet all general degree requirements as well as the requirements for the nursing major. Applicants who have been accepted to the College must also apply to the Division of Nursing for acceptance into the nursing major after meeting specified prerequisites. Students are encouraged to declare their interest in nursing by the end of the freshman year. Provision is made for those persons, such as registered nurses, who may wish to transfer into this program or apply for advanced standing. Information concerning the nursing program is available from the Division of Nursing.

The Major Program

In addition to completing the CORE Program in the Liberal Arts and other degree requirements listed above, each student must complete a major and a concentration. At least 50 percent of the credit hours required for the major must be earned at Queens.

The purpose of a major is twofold: to give the student an opportunity to achieve an appropriate level of mastery in a field of study and to enable the student to acquire knowledge, skills and perspectives which may help to make him or her effective in a career. A student will work with his or her faculty advisor to make a wise choice of a major. The student is required to declare the major no later than the preregistration period of the second term of the sophomore year. At that time, the student should also change faculty advisors to one in the major field if necessary.

The requirements of each major are described under the discipline in the section of this *Catalog* called "Courses of Instruction." The majors listed and the pages on which they appear are as follows:

Bachelor of Arts Degree	**Page No.**
Accounting	63
American Studies	104
Art	53
Biology	57
Business Administration	62
Communications	72
Comparative Arts	106
Education	81
English	88
English/Drama	78
Environmental Biology	92
Foreign Language	93
History	95
International Studies	109
Mathematics	113
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Philosophy/Religion	135
Political Science	140
Psychology	144

Bachelor of Music Degree	**Page No.**
Instrumental Performance	119
Voice	120
Music Therapy	121

Bachelor of Science Degree	**Page No.**
Biochemistry	68
Biology	57

Bachelor of Science in Nursing	**Page No.**
	130

Concentrations. An undergraduate program of study will include a concentration. A concentration consists of a minimum number of hours and a prescribed program of courses. Requirements for concentrations are described on pages 152-169. Some majors specify which concentrations the students in that major must complete. Other majors permit the students to select any approved concentration. If a major does not specify a particular concentration, a concentration from a different area than the major must be selected. Only one course may be used to complete both a concentration requirement and another graduation requirement. Concentrations must be approved by the faculty advisor for the student's major. Students who complete a second major will not be required to complete a concentration.

Elective courses. In consultation with the faculty advisor, a student chooses elective courses to complete the number of hours required for graduation. Electives offer the student the opportunity to augment the major field of study with collateral areas of knowledge or to explore areas or skills quite distinct from the major.

Teacher education. Students may secure a teaching certificate at the elementary or secondary level within the Bachelor of Arts program. Students must apply to the Division of Education for admission to the Teacher Education program by the end of the sophomore year. At that time, they are required to take the Pre-professional skills test. Application for student teaching must be made in the fall of the senior year.

Prior to completion of the program, students must take the Praxis II Specialty tests.

Persons who already hold a bachelor's degree and are interested in teacher certification for the elementary grades should inquire about the Master of Arts in Teaching program. Those interested in secondary licensure may be admitted to the College of Arts and Sciences as special students. They are expected to complete successfully at Queens a minimum of 12 credit hours before undertaking student teaching. In either case, those interested should consult the Office of Hayworth College Admissions, as should certified teachers seeking teacher renewal credit.

Queens-Presbyterian School of Christian Education dual degree program. Queens College maintains an agreement with the Presbyterian School of Christian Education (PSCE) in Richmond, Virginia, through which a student can earn both the Bachelor of Arts and Master of Arts degrees by studying for three years at Queens and for two years at the PSCE. The student is required to complete 92 credit hours at Queens and will receive the B.A. degree from Queens upon completion of the necessary 30 additional hours in appropriate courses at the PSCE. The student must, of course, satisfy all other degree requirements at Queens as well, including the CORE Program in the Liberal Arts. Students interested in this program should contact the Office of Admissions.

Pre-professional advising programs. Students who wish to prepare for post-baccalaureate professional education in a number of fields are served at Queens by a special faculty advisor and by the faculty in the Blair House. Students are encouraged to consult the appropriate advisor in planning their course work. Such students may, in combination with an individual major, elect to structure a program of study which is recommended as suitable preparation by the faculties and admissions committees of graduate programs.

Recommendations for appropriate courses for students in any major who wish to pursue professional studies after graduation in dentistry, law, medicine, occupational therapy, physical therapy or veterinary medicine are listed on pages 169-170. Students who plan to apply to professional programs should check the admissions requirements for each school to which they might apply.

Students interested in medicine, dentistry and physical therapy are encouraged to consult the pre-med advisor. Students are advised to complete a sound liberal arts program in any major, provided that sufficient and appropriate courses in the natural sciences and mathematics are included. Information concerning the Medical College Admission Test (MCAT) is available from the Center for Career Development.

Law schools do not require or recommend specific majors. They do advise, however, that students examine a wide variety of subjects and ideas which lead to a broad understanding of the political, economic, social and cultural forces affecting our body of law and the society it orders. They also recommend that students develop the skills of logical reasoning, problem solving and effective written and oral communication. Such areas of knowledge are comprehensively addressed in the Core Program in the Liberal Arts at Queens as well as in individual majors.

Students interested in preparation for legal studies are encouraged to consult the pre-law advisor and may wish to join the Justinian Society to broaden their knowledge of the law and current legal issues. Information concerning the Law School Admissions Test (LSAT) is available at the Center for Career Development.

Internships. Queens College places special emphasis on internships. An internship is a planned and supervised out-of-class work experience where a student uses the skills, knowledge and theories developed in the classroom setting in a real-world professional work environment. At Queens College, there is special attention paid to the integration of the work experience so that there is a strong connection between theory and practice, study and work, and academics and experience.

All full-time students in the College of Arts and Sciences are required to participate in a six-credit-hour internship experience over three semesters (INTE 197 in the sophomore year and INTE 498 and 499 in the junior year) before graduation. Adult students and students who transfer into Queens with more than 36 hours of transfer credits are exempt from this requirement.

During the sophomore year, prior to the work experience, students complete a preparation course, INTE 297, "The World of Work," which introduces the concept of work in America through directed humanities reading, projects and discussions. To provide a framework for preparation, the course facilitates self-assessment, acquisition of presentation skills, and acquisition of computer skills including Microsoft Word, Excel, and Power Point. INTE 297 is a pre-requisite for INTE 498 and 499, the professional internship courses. During the junior year, stuents work at a site for 86 hours per semester, participate in on-campus seminars, produce a reflective journal, a reflection paper, and give a formal presentation. Students earn 2 credit hours for each successfully completed course. These courses are described in the internship course section of the catalog.

Students majoring in nursing, education and music therapy will fulfill the internship requirement through practicum experiences in their major. Participation in an international internship will also satisfy this requirement.

Faculty are actively involved in the internship experience. They provide support and guidance to students, design and facilitate seminars and award final grades for the internship courses. All internships are graded on a Pass-Fail basis. No more than 12 hours of internship credit shall be counted toward the 122 hours required for a bachelor's degree.

Independent studies and directed readings. A mature and academically sound student may, under the direction of a member of the faculty and with the approval of the faculty advisor, undertake directed readings or an independent study of a topic of interest to the student and germane to the student's program of study. This study may take one of several forms, including projects, individual research or directed reading.

To register for an Independent Study or Directed Reading course, the student must submit a course proposal form to the Office of the Registrar by the end of the term in which the student registers for the course.

Summer school. The Hayworth College coordinates all day and evening undergraduate summer courses offered at the institution.

Study abroad. In addition to arranging study tours, the international internships, and language and culture programs, the John Belk International Program office aids students who wish to spend a term, academic year or summer studying abroad. Students may take part in approved programs of study for American students, attend a foreign university or participate in a work/service program. Queens is affiliated with NAFSA: Association of International Educators; the Institute for International Education; and the Council for International Educational Exchange, which offers study- and work-abroad programs worldwide. The College has its own exchange programs in Hong Kong and Ireland. To apply for study abroad, students must have at least a 2.000 average and approval of both the faculty and study-abroad advisors and meet specific requirements of the desired program.

ACADEMIC REGULATIONS

Academic responsibility. While Queens College makes every effort to advise and counsel students on their academic programs and academic requirements, it is the student who is ultimately responsible for fulfilling all requirements for a degree. To help the student enact his or her own responsibility, all academic plans and programs must be approved by the student's faculty advisor.

In general, a student must fulfill the degree requirements and major requirements set forth in the Catalog which was current when the student entered Queens. Other academic regulations amended while a student is enrolled at Queens may well be deemed to apply regardless of the policies stated in the Catalog of entry. Further, curricular exigencies or other circumstances may require the College to modify degree or major requirements from those at entry and that right is reserved.

The Honor Code. Because the Honor Code of Queens College applies to all phases of life at the College and is binding on all members of the College community, it provides an atmosphere of mutual trust among students, faculty and administration. The Honor Code is fully described in the "Student Life" section of the *Catalog.*

Academic advising. Each student in the College of Arts and Sciences is assigned upon entry a faculty advisor who normally serves the student until the major is declared, when the student selects an advisor in the major department. It is the student's responsibility to schedule advising appointments as often as necessary in order to plan course schedules for each term and to discuss current academic questions and problems. The faculty advisor is a resource and a guide in planning and meeting all graduation requirements.

Course load. The college considers 15–16 hours as a normal full-time course load during fall or spring semesters, but recognizes that some majors or programs could require up to 18 hours in some semesters. Should a student wish to enroll for more than 18 hours, he or she may do so but must have a 3.000 grade point average and permission of his or her advisor. A student who wishes to enroll for more than 18 hours, but does not have at least a 3.000 grade point average, must have the permission of his or her advisor as well as the chair of the advisor's division. Exceptions for music therapy majors will be made by the director of the music therapy program.

Part-time students. Students who are enrolled in fewer than 12 semester hours in fall term or spring term are considered part-time students. Part-time degree-seeking students in the College of Arts and Sciences who have not previously earned a baccalaureate degree must fulfill all degree and major requirements for their selected program of study. Part-time students are encouraged but not required to complete the CORE Program in the Liberal Arts. If they do not, they must have credit for the CORE Program sequence of courses as described in the CORE Program Substitutions section of this *Catalog* on page 43, either through transfer credit or by taking substituted courses at Queens.

Transfer students. Transfer students must meet all degree requirements, including the stipulation that at least 45 of the 122 semester hours must be completed at Queens. The registrar will supply a complete audit of transferred credit and its applicability to Queens graduatation requirements. Students with 36 hours or more of transfer credit are exempt from the internship requirement. Students with fewer than 36 hours of transfer credit must complete INTE 297, 498 and 499 prior to graduation.

In general, transfer students enter the CORE Program at the appropriate class-level standing for the hours of credit transferred. Courses taken elsewhere may substitute for portions of the CORE Program in the Liberal Arts. See the "CORE Program in the Liberal Arts Regulations" section of this *Catalog* for details concerning use of the Table of Substitutions to evaluate transfer credit toward CORE Program courses.

Transfers between CAS and Hayworth College. Students are admitted either to the College of Arts and Sciences or to the Hayworth College; admission is not transferable. However, a student dismissed from either college is dismissed from all Queens College programs until readmitted.

A student may apply to transfer from the Hayworth College to the College of Arts and Sciences or the reverse after completing at least one term in the college of entry, provided that the student has earned a minimum cumulative grade-point average of 2.000 at Queens College and is not on any type of academic or social probation. A student who wishes to change colleges must apply to the Office of Admissions.

At a minimum, students must complete 30 hours of the residency requirement in the college to which they transfer and complete all of the graduation requirements of that college. Students may not earn a major or minor which is not offered in the college into which they transfer.

Second-degree students. Students who hold an undergraduate degree, either from Queens or from another accredited institution, may seek a second degree provided it is a different baccalaureate degree from the first earned. Such students must meet all degree requirements stipulated for transfer students except that the residency requirement is 30 semester hours rather than 45. Queens College graduates who wish to add a second major within the same baccalaureate degree may do so by fulfilling the requirements for that major as stipulated in the *Catalog* for the year of re-entry to Queens.

Special students. Special students are admitted to the College without the expectation that they will earn a degree. Special students who have never earned a bachelor's degree may enroll for a cumulative total of 15 credit hours; in order to continue at Queens they must apply for regular admission or receive special permission to continue. A special student who has earned a bachelor's degree may take unlimited credits as a special student. All special students must comply with all College regulations.

Transient or contract students. These students are degree candidates at another college or university who are taking courses at Queens by special arrangement.

Consortium students. Degree-seeking students at the 13 area colleges which make up the Charlotte Area Educational Consortium may enroll in a course in any one of the member institutions during the regular academic year.

Class attendance. In general, students are expected to attend all class sessions. Specific policies are set for each course by individual faculty members and should be printed in the syllabus or announced at the beginning of the term. It is the student's responsibility to know the attendance policy in a particular course.

A faculty member will, if possible, allow a student to make up or complete academic assignments when the student misses class because of illness or for other justifiable reasons. A faculty member will, if possible, allow one additional absence beyond the number normally permitted to a student who misses class while representing the college at official college functions and will, if possible, allow a student to make up missed quizzes or make other arrangements for missed quizzes or tests. It is the student's responsibility to notify the professor of such absences in advance and in writing. It is expected that a student will only use other absences for legitimate purposes such as personal or family illness or crises.

It is a violation of the Honor Code for a student to be untruthful about a class absence. Students are also honor-bound to report any such suspected violations of the Honor Code.

The Office of Academic Advising, the Office of Student Development and the Student Health & Wellness Center may not excuse students for class absence. Those offices will, however, notify faculty members upon request when illness or grave circumstances beyond a student's control will necessitate a class absence.

Grading. Queens uses the following system of grades and grade-point values per credit hour:

Grade	Grade Point Value	Interpretation
A	4.000	Superior
A–	3.700	
B+	3.500	
B	3.000	Good
B–	2.700	
C+	2.500	
C	2.000	Satisfactory
C–	1.700	
D+	1.500	
D	1.000	Poor
F	0.000	Fail
P	(0)	Pass
NR	(0)	No Record
AU	(0)	Audit

Grade	Grade Point Value	Interpretation
W	no effect on grade points	Withdrew
I	may become another letter grade except W upon completion.	Incomplete
K	Given at end of first term of a two-term course. Indicates satisfactory progress. Replaced by letter grade upon completion of second-term course. No effect on grade points.	

Grade reports are sent to students at the end of each term. Mid-term reports are issued in fall term and spring term to indicate special difficulties in course work in progress. Only final course grades are permanently recorded.

Pass/No Record. Pass/No Record (P/NR) is a grading system designed to encourage students to explore new areas. Students may elect to take up to two courses per academic year on a "P/NR" basis, but may take no more than one course per term on the "P/NR" basis. Some courses are designated "P/NR" for all students. Other courses may not be taken "P/NR." A student may not take Core Program courses or other courses used to satisfy specific graduation requirements or courses in the major or minor program on a "P/NR" basis without special permission. The grade of "P" is recorded when a student earns a grade of C– or better in the course. If a student earns a D+, D or F, the "NR" designation is used. An "NR" differs from an F because it is not recorded on the student's permanent academic record and is not counted in the calculation of the student's cumulative grade-point average.

Students must indicate at registration when a course is to be taken "P/NR." They may change to a regular graded basis in consultation with the registrar up to one week following midterm.

Pass/Fail. Pass/Fail is the grading system used for special course offerings including internships and the International Experience study tours. The grade of "P" is recorded when a student earns a grade of C– or better in the course. An F is recorded when the work is unsatisfactory. "P/F" differs from "P/NR" in that Fs are recorded on the student's permanent academic record, while NRs are not.

Incomplete status. The grade of Incomplete (I) is given at the discretion of the instructor and only when unusual circumstances make it impossible for the student to complete the course work by the end of the term. Students are responsible for arranging to complete such work. A grade of "I" received during fall term must be changed to another letter grade by the end of the second full week of regular classes of spring term; an "I" received during spring term or summer term must be changed to another letter grade by the end of the second full week of regular classes of fall term.

However, a student on academic probation who receives an "I" must complete the course work and receive a regular letter grade at least 72 hours prior to the first day of class for the subsequent term.

A grade of "I" automatically becomes an F if the student fails to make up incomplete work satisfactorily by the above deadlines.

Repeated courses. If students fail a course, they may repeat that course only once, either at Queens or at another accredited institution with prior approval of the appropriate department chair. The F grade will remain on the student's record. If the course is repeated at Queens, both the F and the second grade will be figured into the student's cumulative grade-point average. If the course is repeated at another institution, the credit but not the grade will transfer; thus only the original F will be figured into the cumulative average.

A student also may elect to repeat a course after earning a D, D+ or C– in order to demonstrate mastery of the material. In this case, the first grade will remain on the student's average and will be the only grade figured into the cumulative average; no additional hours of credit will be awarded.

In either case, a course may be repeated only once, either at Queens or at another accredited institution. No more than two courses in the student's major field may be repeated. Regular tuition is charged for all repeated courses.

A student may also repeat a course for credit if the course is listed as "may be repeated for credit." In that case, all grades and credit hours are included in the student record.

Class status. Students are assigned class status according to the number of credit hours earned. A freshman has earned from 0 to 23 credit hours. A sophomore has earned 24 to 51 credit hours. A junior has earned 52 to 89 credit hours. A senior has earned 90 or more credit hours.

Dean's List. Degree candidates who achieve a term average of 3.500 in at least 12 hours of graded academic work are named to the Dean's List. Students with an Incomplete grade will not be considered for the Dean's List. Courses in which the grade of "P" is earned or courses numbered 099 may not count towards the 12-hour minimum.

Honors at graduation. The distinctions *summa cum laude, magna cum laude* and *cum laude* are awarded by the College for academic excellence. Summa cum laude is awarded to students who have a grade-point average of 3.850 or better, magna cum laude to those with a grade-point average of 3.650 and cum laude to those with a grade-point average of 3.500. A student must have completed at least 60 hours at Queens College to be eligible for graduation with honors. The grade-point average will be determined by work taken at Queens.

Eligibility to represent the College. Students who are on academic probation, on social probation for six weeks or longer or suspended from a class or from the College are not eligible to represent the College in off-campus extracurricular activities, to participate in varsity athletics, to hold campus office or to run for campus office until the probation or sanction is lifted.

Registration. Pre-registration advising and advanced registration are held toward the end of each term. During these periods, students consult with their advisors to plan the schedule of courses for the next term and submit a program of study to the Registrar. At the beginning of each term, students confirm their course registrations from advanced registration and conduct other necessary college business, including receiving identification cards and parking permits. Students are not considered registered at Queens College until the registration process, including payment of tuition and fees, has been completed.

Change in registration or drop/add. Changes in registration may be made through the first calendar week of classes at the beginning of each term. The advisor's signature is required on the drop/add form. If the form is returned to the Office of the Registrar by the deadline, courses dropped will not appear on the student's permanent record. For part-time students, tuition charges for courses dropped during the change in registration period will be prorated according to published guidelines.

Withdrawal from a course. After the drop/add period, a student may withdraw from a course by completing a withdrawal form which requires the signature of the advisor. The forms are available in the registrar's office. The withdrawal period ends at the end of the calendar week following the midterm point in each term. The withdrawal date is published in each term calendar. A status of "W" will be recorded if the student withdraws during the withdrawal period.

After the withdrawal period ends, the student may withdraw from a course only by requesting approval for a late withdrawal from the Student Qualifications Committee. The Student Qualifications Committee may, after consultation with the instructor, deny or approve the request for late withdrawal. If the late withdrawal is approved, a status of W will be recorded.

A student who does not withdraw from a course but simply stops attending will receive an F in that course.

Auditing courses. A student enrolled in 12 to 16 credit hours and maintaining a cumulative grade-point average of 3.000 or better may, with the consent of the instructor and the registrar, audit a course. The student receives no credit for an audited course, but the grade "AU" will appear on the student's transcript. Drop/Add and course withdrawal policies apply to audited courses and auditors are expected to attend class regularly. Regular tuition charges apply.

Courses taken at other institutions. Normally, Queens students may take courses at another accredited institution for credit at Queens either during the summer or a regular term provided that these courses are equivalent or supplemental to those offered at Queens. To receive credit for such transferred courses, students must have the prior permission of the appropriate department and division chairs, must make a grade of C or better in each course and must have the other institution send an official transcript of the work to the Registrar. A student's cumulative GPA is not affected by course credit earned at another institution.

Queens students, if qualified, may enroll at one of the other colleges which make up the Charlotte Area Educational Consortium in any course not offered at Queens and receive full credit towards the Queens degree without the payment of additional fees. Arrangements for consortium cross-registrations are made through the Registrar's office. See page 7 for a list of consortium institutions.

The natural science graduation requirement may not be satisfied by credit earned at another institution except as transfer credit earned prior to admission to Queens.

CORE PROGRAM IN THE LIBERAL ARTS REGULATIONS

When a student transfers to Queens as a full-time student, the Registrar will determine the student's class status. The student will then begin the CORE Program sequence at the point appropriate for that status. In addition, however, the registrar, will determine whether or not the incoming student's transcript includes sufficient courses as measured by the list of substitutes for the CORE Program courses not taken previously. Students who lack sufficient substitutes may either take the CORE Program courses lacking or make up the past deficiencies with appropriate substitute courses. The listing of CORE Program Substitutions follows.

If a student fails a CORE Program course or is unable to complete a course for sound reasons beyond the student's control, the student normally has the option of taking the course over or passing appropriate substitutes. Part-time, degree-seeking students who have not previously earned a baccalaureate degree are encouraged but not required to participate in the program. Should part-time students elect not to complete the courses in the CORE sequence, they must complete approved CORE Program Substitutions in order to receive a bachelor's degree. Students who change from part-time to full-time must begin the CORE Program sequence at the point appropriate to class status at that time.

Core Program in the Liberal Arts Substitutions

Because the CORE Program is an integrated experience, there are no courses offered at Queens or elsewhere that are precisely equivalent to the courses in the sequence. However, in cases of necessary exception to policy, students may find it necessary to complete a bachelor's degree program with approved substitution courses. There are no substitutions for CORE 410.

CORE 100 Level—3 Courses (9–10 semester hours), one each from three areas:

Area One: one survey course in Western or World Civilization, Art or Literature; or an introductory religion or philosophy course.
Area Two: one course dealing with critical thinking, e.g., laboratory science, logic
Area Three: one survey course from the following: an introduction to sociology, anthropology or macroeconomics.

If a student has NO course in any of the areas listed,
the student would complete three courses (one from each area) OR CORE 110 and 120 OR a combination of CORE and one substitute depending on the total number of credit hours transferred.

If a student has completed ONE course from one of the areas,
the student would complete two additional courses (one from each area is needed) OR would complete CORE 120 depending on the total number of credit hours transferred.

If a student has completed TWO courses from two areas,
the student would complete one additional course OR take CORE 120.

Examples of Queens Courses (but not limited to the following):

Area One: ART 215, ENGL 200, HIST 201, HIST 202, MUSC 100, PHIL 203, RELG 205, RELG 206, RELG 210
Area Two: BIOL103, CHEM 101 AND 101L, ENVR 101, PHIL 204
Area Three: SOCI 203, SOCI 308, PSYC 303, ECON 203

CORE 200 Level—3 Courses (9–10 semester hours), at least one from each of two areas:

Area One: one course which is "American" based, e.g., American Literature, Music, History, Religion, Art or Politics
Area Two: one course which is "International" in scope, e.g., World Geography, World Religion, Anthropology, Macroeconomics, or equivalents to Queens' offerings in the International Studies major.

If a student has NO course which is covered in any of the areas listed,
the student would complete three courses (one from each area is required) OR would complete CORE 210 and 220 depending on the number of total credit hours transferred.

If a student has completed ONE course from one of the areas,
the student would complete two additional courses, one from each area, OR would complete CORE 210 and 220 depending on the number of total credit hours transferred.

If a student has completed TWO courses from two areas,
the student would complete the additional course OR complete CORE 210 or 220.

Examples of Queens Courses (but not limited to the following):

Area One: HIST 203, ENGL 328, POLS 201, MUSC 207, ART 307
Area Two: See International Studies Major

STUDENT QUALIFICATIONS

The faculty has established standards of satisfactory academic progress which are administered by its Student Qualifications Committee. This committee reviews the academic record of each full-time student in academic difficulty at the end of fall term and spring term and at the end of summer term if the student earned nine credit hours at Queens.

Academic probation and dismissal. A student whose cumulative grade-point average falls below the following levels for each class standing is placed on academic probation:

Class Status	Earned Hours	Minimum GPA
Freshman	0–12	1.500
	13–23	1.800
Sophomore	24–37	1.800
	38–51	1.900
Junior	52–70	1.900
	71–89	2.000
Senior	90 or more	2.000

However, students who have a term grade-point average below 1.000 will be subject to dismissal or placed on probation after a review of their records by the Student Qualifications Committee.

Students on academic probation may not enroll in more than 15 credit hours in any one term.

Students on probation will be reviewed at the end of each term, including summer term, in which they have earned nine credit hours. Students on probation will be declared academically ineligible to return if they do not earn a term grade-point average of 2.000 at the time of review. If the cumulative grade-point average is not commensurate with class status, students will continue on probation for one more term or will be dismissed.

Students have the right to present a written appeal concerning academic dismissal to the Student Qualifications Committee. The decision of the committee in regard to the appeal is final.

The Student Qualifications Committee will review the records of part-time and special students after nine semester hours. Part-time students must maintain cumulative averages commensurate with their class status. Special students must maintain a cumulative average of 2.000.

Readmission. Students dismissed from the College for academic reasons may apply for readmission through the Student Qualifications Committee. Students applying for readmission must submit (1) a readmission application (available from the Office of Admissions), (2) transcripts for all academic work attempted since leaving Queens and (3) a personal statement concerning the student's goals and accomplishments since leaving Queens. Academic work submitted for readmission must include at least nine graded semester hours (or the equivalent) in one term from an accredited institution. Each grade for the courses taken must be C or better.

A student readmitted to the College is normally placed on academic probation and reviewed after the first term.

WITHDRAWAL FROM THE COLLEGE

Students who wish to withdraw from the College during the term or who do not plan to return for the subsequent term must formally withdraw through the Office of the Registrar. The student is asked to participate in an exit interview with an appropriate member of the staff of the College. Students who withdraw during the term must also take responsibility for receiving clearance from the Business Office, Financial Aid Office and Student Development Office concerning financial matters. The effective withdrawal date is the day upon which all required clearance signatures are obtained. Should a student be unable for grave reasons beyond his or her control to complete this process, the effective date of withdrawal is determined by the Registrar and a representative of the Business Office.

A student who simply stops attending classes without proper notification will be assigned the grade of F in all courses.

With the endorsement of the academic advisor, a student in good standing may apply for a leave of absence for one or two academic terms. Approval for a leave of absence may be granted for medical or personal reasons, in order to enroll in an off-campus academic program or for other experiences which support the student's program of study. Students on leave will receive registration and housing materials from Queens prior to the term of return. Students returning from approved leaves may resume degree and major programs in effect at the time the leave is approved.

The College reserves the right to require at any time the withdrawal of any student whose conduct or academic work is not considered satisfactory.

COURSES OF INSTRUCTION

Course listings. Course listings give general information concerning each area of study and the requirements for major programs in each discipline. These requirements should be noted carefully by students when deciding on a major.

Many of the courses in the sections beginning on the next page will be listed in the class schedule that is distributed prior to each term.

Course numbers. In general, courses numbered 100–299 are primarily for freshmen and sophomores; those numbered 300–499 are primarily for juniors and seniors. In specific cases, however, the individual student's ability and background rather than class standing will determine the appropriate level of work.

Double numbers separated by a comma (e.g., 300, 302) indicate that the completion of both courses forms a desirable unit. Occasionally, the first course is a prerequisite to the second.

Course changes. Queens College reserves the right to change the course offerings and instructors indicated in the Catalog without prior notice to persons who may thereby be affected. Every effort is made to help a student affected by a course change by providing the opportunity for an independent study or some other suitable arrangement.

ART

The Department of Visual Arts offers varied programs leading to the Bachelor of Arts degree. The curricula are designed to prepare students for graduate study, teaching, museum work and professional careers in art and design areas. Studio experiences are balanced with courses in art history and the liberal arts to strengthen the humanistic base of the programs. The essential aim of the programs is to develop intellectual and performance abilities and assure a sound foundation for further development of the student, or for his or her entry into a professional field.

Major. Students may earn a Bachelor of Arts degree in art major—studio track or art major—art history track.

Requirements for the B.A. degree with an art major—studio track are:

ART 204 Drawing
ART 215 Ancient to Early Renaissance Art
ART 216 High Renaissance Art to the Present Time
ART 233 Design Theory
ART 234 Design Laboratory
ART 497 Senior Critique

Choose three of the following studio art courses:

ART 223 Ceramics
ART 302 Painting
ART 303 Sculpture
ART 304 Printmaking

Choose one of the following art history courses:

ART 307	Art in the United States
ART 315	Art of the Modern Era, 1870 to the Present
ART 345	Art and Religion in the West
ART 415	Art Since 1945

Plus:

ART 305	Advanced Studio (to be taken 3 times)

Requirements for the B.A. degree with an art major—art history track are:

ART 101	Introduction to Art
ART 215	Ancient to Early Renaissance Art
ART 216	High Renaissance Art to the Present Time
ART 307	Art in the United States
ART 315	Art of the Modern Era, 1870 to Present
ART 345	Art and Religion in the West
ART 415	Art Since 1945
ART 498	Senior Paper

Two studio art courses chosen from:

ART 204	Drawing
ART 223	Ceramics
ART 227	Photography
ART 232	Design
ART 302	Painting
ART 303	Sculpture
ART 304	Printmaking

Writing-intensive course requirement. The writing-intensive course requirement is met with Art 305.

ART 101 Introduction to Art

Designed for the student with little or no art experience who wishes to gain understanding of the language of art (composition, line, space, color, etc.) and art's significance in human terms. Involves slide presentations and classroom discussions. 3 Hrs.

ART 204 Drawing

Emphasis on drawing through close observation of nature and as an expressive medium for communicating felt responses to subject matter. Exercises in contour, gesture, modeled form and light, using still life, landscape and the human figure. Media to include pencil, charcoal and ink. Six hours studio a week. 3 Hrs.

ART 215 Ancient to Early Renaissance Art

Survey of stylistic developments in architecture, sculpture, painting and the minor arts of the Mediterranean and European countries from prehistoric times to approximately 1500 A.D. 3 Hrs.

ART 216 High Renaissance Art to the Present Time

Survey of stylistic developments in architecture, sculpture, painting and the minor arts of Europe and America from approximately 1500 to the present day. Prerequisite: Art 215 or permission of the instructor. 3 Hrs.

ART 223 **Ceramics**

Fundamentals of both hand building and throwing on the potter's wheel. Hand-building techniques will include pinch, coil and slab construction. Glaze instructions will stress the relationships between form and color. Six hours studio a week. 3 Hrs.

ART 227 **Photography**

Photography used as an expressive medium and as a tool for exploring visual experience. Emphasis will be on selection and treatment of subject matter. Students will learn necessary skills in photographic technique and be acquainted with the historical development of photography. Six hours studio a week. 3 Hrs.

ART 233 **Design Theory**

This course addresses the theoretical principles of design, both spatial (two- and three-dimensional) and temporal. Involves case studies from painting, sculpture, architecture, film, video, poetry, music, etc. 3 Hrs.

ART 234 **Design Laboratory**

This course is a continuation of ART 233 Design Theory, with practical application of design principles through two- and three-dimensional projects. Prerequisite: Art 233. 3 Hrs.

ART 302 **Painting**

Studies in basic structure and color with emphasis on pictorial elements interpreted through painting media. Six hours studio a week. Prerequisites: Art 204, 233. 3 Hrs.

ART 303 **Sculpture**

Exploration of basic elements of three-dimensional form and space with special emphasis on the exploration of various styles, materials and techniques. Six hours studio a week. Prerequisite: Art 234. 3 Hrs.

ART 304 **Printmaking**

Exploration of the basic principles of printmaking through such media as wood cuts, linoleum cuts or serigraphy. Pictorial composition, sound procedure and techniques are stressed in the program. Six hours studio a week. 3 Hrs.

ART 305 **Advanced Studio**

This course permits advanced individual exploration of techniques and principles introduced in the 200-level studio courses. The focus varies from semester to semester between two- and three-dimensional approaches, with occasional thematic topics such as the human figure, still-life, collage/montage/assemblage, etc. Prerequisite: one studio course from Art 223, 302, 303, or 304. May be repeated for a total of four times. 3 Hrs.

ART 307 **Art in the United States**

Study of the architecture, sculpture, painting and minor arts of the Colonial period through the present, supplementing courses in American social and political history. Prerequisites: Art 215, 216 or permission of the instructor. 3 Hrs.

ART 315 **Art of the Modern Era, 1870 to the Present**

Critical examination of major trends in the visual arts from c. 1870 to the present, within the context of developments in science, philosophy, religion, politics, etc. Prerequisites: Art 215, 216 or permission of the instructor. 3 Hrs.

ART 329 **Photography II**

Further investigation of photography as a creative medium and advanced photographic techniques. Six hours studio a week. Prerequisite: Art 227. 3 Hrs.

ART 345 **Art and Religion in the West**

Critical examination of the visual arts as embodiments of major theological developments from c. 320 A.D. to the present. Prerequisites: Art 215, 216 or permission of the instructor. 3 Hrs.

ART 406 **Special Topics in Studio Art**

An in-depth study of the specialized areas not included in the curriculum. Topics to be announced annually. Prerequisite: To be determined according to the nature of the topic. 1, 2 or 3 Hrs.

ART 407 **Topics in Art History**

Focus on specific questions of style, traditions and influence as they relate to the emergence and development of art in Europe and America. Topics to be announced annually. Prerequisites: Art 215, 216 or permission of the instructor. 3 Hrs.

ART 415 **Art Since 1945**

Critical examination of the visual arts since World War II, and of their responses to the radical reformulations of philosophical, religious, economic and social attitudes. Prerequisites: Art 215, 216 or permission of the instructor. 3 Hrs.

ART 451 **Independent Studio**

Advanced independent work in specialized areas of studio art for the mature, academically advanced student. Open to juniors and seniors with a B average in art and approval of the department. This course may be repeated for of six hours of credit. 1, 2 or 3 Hrs.

ART 452 **Independent Study in Art History**

Advanced independent work in specialized areas of art history for the mature, academically advanced student. Open to juniors and seniors with a B average in art and approval of the department. The course may be repeated for a total of six hours of credit. 1, 2 or 3 Hrs.

ART 497 **Senior Critique**

Developing a coherent art-critical position. This requires assembling a portfolio and providing written critical justification of artistic production and aims. To be directed by the student's departmental advisor and evaluated by members of the art faculty. Prerequisite: Senior standing. 1 Hr.

ART 498 **Senior Paper**

This capstone course consists of an independent exploration of interactions between the student's major and the chosen concentration. The specific topic is to be selected by the student in consultation with his/her advisor. Prerequisite: Senior status. 3 Hrs.

BIOLOGY

To serve the needs of the liberal arts student, the department offers introductory work in biology with a contemporary molecular emphasis relating the field to the physical sciences and other disciplines. A course in marine science is offered in alternate years.

Careers. Major study in biology provides basic preparation leading to work in research and medical laboratories, government positions, related businesses, teaching and graduate study in biology, medicine, dentistry, physical therapy or veterinary medicine.

Teacher licensure. Students majoring in biology may earn licensure to teach on the secondary level (grades 9–12). Refer to the Education Division section of the Catalog for specific requirements.

Writing-intensive course requirement. The writing-intensive course requirement is met with one course chosen from Biology 300, 304, 402 or 403.

Prerequisite. Biology 103 is prerequisite to all courses numbered 200 or above.

Requirements for the B.A. degree with a major in biology are:

Core:

BIOL 103	Principles of Biology
BIOL 201	Invertebrate Zoology
BIOL 202	Vertebrate Zoology
BIOL 204	Botany
BIOL 300	Cell Biology
BIOL 402	Genetics
BIOL 460	Biology Seminar
BIOL 496	Senior Biology

Choose 12 hours from the following:

BIOL 230	Field studies in biology
BIOL 304	Ecology
BIOL 307	Introduction to Microbiology (as approved by advisor)
BIOL 309	Marine Biology
BIOL 315	Histology and Microtechnique
BIOL 380	Research Participation
BIOL 401	Comparative Physiology
BIOL 403	Developmental Biology
BIOL 430	Topics in Biology
BIOL 450	Independent Studies in Biology

Plus Mathematics/Chemistry Concentration:

CHEM 111, 111L	Chemistry Principles I & Lab
CHEM 112, 112L	Chemistry Principles II & Lab

Choose two of the following:

MATH 105	Finite Mathematics
MATH 111	Precalculus
MATH 121	Calculus I
MATH 122	Calculus II
MATH 206	Statistical Methods

Requirements for the B.S. degree with a major in biology are:

Core:
BIOL 103 Principles of Biology
BIOL 201 Invertebrate Zoology
BIOL 202 Vertebrate Zoology
BIOL 204 Botany
BIOL 300 Cell Biology
BIOL 402 Genetics
BIOL 460 Biology Seminar
BIOL 496 Senior Biology

Choose 12 hours from the following:
BIOL 230 Field Studies in Biology
BIOL 304 Ecology
BIOL 307 Introduction to Microbiology
BIOL 309 Marine Biology I
BIOL 310 Marine Biology II
BIOL 315 Histology and Microtechnique
BIOL 380 Research Participation
BIOL 390 Laboratory Assistant in Biology
BIOL 391 Laboratory Assistant in Biology
BIOL 401 Comparative Physiology
BIOL 403 Developmental Biology
BIOL 430 Topics in Biology
BIOL 450 Independent Studies in Biology

Plus Physical Science I Concentration:
CHEM 111, 111L Chemistry Principles I & Lab
CHEM 112, 112L Chemistry Principles II & Lab
CHEM 303, 303L Organic Chemistry I & Lab
CHEM 304, 304L Organic Chemistry II & Lab
PHYS 101 General Physics
PHYS 102 General Physics
MATH 121 Calculus I

Choose one:
MATH 122 Calculus II
MATH 206 Statistics

Requirements for the B.A. degree with a major in Environmental Biology are:

Core:
BIOL 103 Principles of Biology
BIOL 201 Invertrebrate Zoology
BIOL 202 Vertrebrate Zoology
BIOL 204 Botany
BIOL 300 Cell Biology
BIOL 304 Ecology
BIOL 307 Microbiology
BIOL 402 Genetics
BIOL 460 Biology Seminar
BIOL 496 Senior Biology

Choose at least two hours from the following:

ENVR 101	Introduction to Environmental Science
BIOL 230	Field Studies in Biology
BIOL 309	Marine Biology
BIOL 380	Research Participation*
BIOL 430	Topics in Biology*
BIOL 450	Independent Studies* (*as approved by Chairman of Biology Department)

Plus Environmental Chemistry Concentration:

CHEM 111, 111L	Chemistry Principles I & Lab
ENVR 201	Physical Geography
POLS 340	Environmental Politics
CHEM 112, 112L	Chemistry Principles I & Lab
CHEM 305, 305L	Instrumental Analysis & Lab

Highly recommended:

MATH 121	Calculus I
CHEM 307, 307L	Instrumental Analysis & Lab

Note: Language proficiency through intermediate level as demonstrated by the completion of a language 201 or 202 course or by testing is highly recommended.

Natural science requirement. The Natural Science requirement is met with Biology 103. Students receiving advanced placement may satisfy the Natural Science requirement with a laboratory course at the 200 level or above.

Prerequisite. Biology 103 is prerequisite to all courses numbered 200 or above.

BIOL 103 Principles of Biology

An introduction to the principles underlying the activities of living organisms; cell structure and function; heredity; evolution; ecology; laboratory emphasizes the scientific method. Three hours lecture and three hours laboratory a week. Lab fee $25. Prerequisite: High school chemistry or Chemistry 101 or 111. 4 Hrs.

BIOL 111 Human Anatomy

A study of the structure of the human body. May not count toward a major except in Music Therapy and Nursing. No prerequisite. 3 Hrs.

BIOL 111L Human Anatomy Laboratory

Study of human osteology; dissection of the cat and other mammalian organs. Three hours laboratory a week. Lab Fee $25. May not be counted toward a major except for students in Music Therapy and Nursing. 1 Hr.

BIOL 112 Human Physiology

A study of the functions of the human body. Laboratory study designed to demonstrate basic physiological principles. Three hours lecture and three hours laboratory a week. May not count toward a major except in Nursing. Prerequisite: Chemistry 101; Biology 111 is strongly recommended. Lab fee $25. 4 Hrs.

BIOL 120 Introduction to Medical Microbiology

Principles of microbiology with emphasis on the pathogenic bacteria, viruses, rickettsiae and fungi. Laboratory includes methods for cultivation, isolation and identification of the above. Three hours lecture and three hours laboratory a week. Lab fee $25. May not be counted toward a major except in Nursing. 4 Hrs.

BIOL 201 **Invertebrate Zoology**

Study of the invertebrate phyla; comparative anatomy and physiology, natural history, systematics and evolution. Laboratory includes physiological experiments and emphasizes structure and taxonomy. Three hours lecture and three hours laboratory a week. Lab fee $25. Prerequisite: Biology 103. 4 Hrs.

BIOL 202 **Vertebrate Zoology**

A survey of vertebrate phyla with comparative study of structures and their development and evolution. Laboratory includes dissection of vertebrates and microscopic study of embryological structures. Lab fee $25. Prerequisite: Biology 103. 4 Hrs.

BIOL 204 **Botany**

Morphological survey of algae, fungi and plants, emphasizing evolutionary adaptation and identification of local flora. Two hours of lecture and four hours of laboratory a week. Prerequisite: Biology 103, CORE 210. 4 Hrs.

BIOL 230 **Field Studies in Biology**

Includes studies in selected habitats or of particular groups of animals or plants, or travel-study to unusual habitats or ecosystems. Topics are announced in advance. May be repeated with different topics. Prerequisite: Biology 103 or permission of the instructor. 1–4 Hrs.

BIOL 300 **Cell Biology**

Study of cell structure and physiology. Laboratory emphasizes research methods, including instruments and techniques used in studying cells. Three hours lecture and three hours laboratory a week. Lab fee $25. This course fulfills the writing-intensive course requirement. Prerequisite: Biology 103, 201, 202, at least one year of college chemistry (Biology 204 recommended). 4 Hrs.

BIOL 304 **Ecology**

Relationship of organisms to their environment; populations and communities; aquatic and terrestrial habitats; statistical methods. Laboratory includes both experimental and field studies. Three hours lecture and three hours laboratory a week. Lab fee $25. This course fulfills the writing-intensive course requirement. Prerequisite: Biology 103. Also recommended Biology 201, 202 and 204. 4 Hrs.

BIOL 307 **Introduction to Microbiology**

General survey of microorganisms with emphasis on morphology, metabolism, ecology and identification of bacteria. Laboratory emphasizes basic skills and sterile techniques. Three hours lecture and three hours laboratory a week. Lab fee $25. Prerequisite: Biology 103, Chemistry 111. 4 Hrs.

BIOL 309 **Marine Biology I**

Introduction to oceanography and marine biology emphasizing the ecology, distribution and classification of marine organisms. Two hours lecture and three hours laboratory a week; weekend field trip. Lab Fee $25. Prerequisite/corequisite: Biology 103, 201. 3 Hrs.

BIOL 310 **Marine Biology II**

An intensive study of coastal habitats; identification of local fauna and flora. This course meets for one week during the summer session. Prerequisite: Biology 309. 1 Hr.

BIOL 315 **Histology and Microtechnique**

The study of animal cells, tissues and organs. Laboratory emphasizes practical experience in preparation of microscope slides. Lab fee $25. Prerequisite: Biology 103, 202. 2 Hrs.

BIOL 380 **Research Participation**

An introduction to biological research by participation in research with faculty. Students will conduct individual investigations and present the results of their work at the end of the term. Prerequisite: Biology 103 and permission of the instructor. 3 Hrs.

BIOL 390, 391 **Laboratory Assistant in Biology**

Practical experience as a laboratory assistant in the department. May be repeated once for credit. Grading is P/NR. Prerequisite: 12 hours of biology with a grade of B or better and permission of the department. 0 Hrs., 1 Hr.

BIOL 401 **Comparative Physiology**

Study of the function of vertebrate systems. Comparisons made to invertebrate systems where appropriate. Includes lecture and laboratory experimentation. Three hours lecture and three hours laboratory a week. Lab fee $25. Prerequisite: Biology 103 and 202, Chemistry 112. 4 Hrs.

BIOL 402 **Genetics**

Principles of heredity and variation in plants and animals. Does not count toward major without Biology 402L. Three hours lecture a week and three hours of lab a week. This course fulfills the writing-intensive course requirement. Prerequisite: Biology 103; Mathematics 121 or permission of the instructor. 4 Hrs.

BIOL 403 **Developmental Biology**

A study of the development of animals set within the framework of classical embryology and current molecular biology. Emphasis will be placed on the molecular events which govern the processes of fertilization, cleavage, gastrulation, organogenesis and pattern formation. The laboratory will highlight experimental approaches to studying development. Lab fee $25. This course fulfills the writing-intensive course requirement. Prerequisites: Biology 103, 201, 202 and Chemistry 112. A corequisite of Chemistry 303 is recommended. 4 Hrs.

BIOL 430 **Topics in Biology**

This course provides the opportunity for a faculty member and a group of interested students to study a subject that is not offered on a regular basis in the curriculum. Topics are announced annually. May be repeated for credit under different subtitles. Lecture and laboratory hours vary with the credit hours and the course taught. Prerequisites: Biology 103 and permission of the instructor; may vary with topic. 1, 2, 3 or 4 Hrs.

BIOL 450 **Independent Studies in Biology**

Research projects in the area of the student's interest; written report and/or oral examination may be required. May be taken more than once, but total credits may not exceed six hours. Prerequisite: Biology 103 and permission of the instructor. 1, 2, 3 or 4 Hrs.

BIOL 460 **Biology Seminar**

Invited guests, faculty and students present oral reports on topics of their specific interest and experience in biology and related fields. One hour per week lecture or discussion. May be repeated for credit. Prerequisite: eight hours of biology above the 100 level or permission of the instructor. 1 Hr.

BIOL 496 **Senior Biology-Independent Review**

A capstone review and synthesis of basic principles of structure and function in plants, animals and microorganisms; review of principles of population genetics, evolution and ecology. This course is designed to help students prepare for senior and professional examinations. Prerequisite: 24 hours in biology courses and permission of the instructor. Graded P/F. 2 Hrs.

BUSINESS ADMINISTRATION

The Hugh L. McColl Jr. School of Business offers courses that emphasize the concepts and skills for understanding business practices, organizations and managerial responsibilities.

Majors. The school offers two majors, business administration and accounting, both of which lead to the Bachelor of Arts degree. Additionally, business administration students may apply to the Professional Golf Management program and complete work toward the PGA Class 1 certificate. For more information about the Professional Golf Management Program, contact the McColl School of Business office.

Careers. A major in business administration prepares the student for understanding the functional areas of business, human relations in organizations and strategic policy-making issues. There are technical, human relations and conceptual skills related to entering supervisory, managerial or professional careers in business, government or non-profit organizations. A major in accounting prepares people to enter careers in accounting. Both majors prepare people for graduate-level study in accounting, finance, marketing, management and related fields.

Writing-intensive course requirement. The writing-intensive course requirement is met with BUSN 320.

Requirements for the B.A. degree with a major in business administration are:

Core:

CIST 110	Fundamentals of Microcomputers
BUSN 207	Financial Accounting
BUSN 208	Managerial Accounting
BUSN 305	Business Law I
BUSN 320	Business Ethics
BUSN 333	Principles of Management
BUSN 340	Marketing
BUSN 360	Corporate Finance
BUSN 485	Business Policy
ECON 203	Principles of Macroeconomics
ECON 204	Principles of Microeconomics
MATH 105	Finite Mathematics
MATH 206	Statistical Methods

Plus choose one track.

Track 1:

Complete six hours of 300- or 400-level electives in BUSN or ECON courses

Track 2: Marketing track

BUSN 452	Marketing Management
BUSN 453	Marketing Research

Choose two courses:

BUSN 351	Consumer Behavior
BUSN 420	International Business
BUSN 441	Retail Strategy and Management
BUSN 353	Promotion Management
or	
COMM 341	Advertising

Track 3: Information Systems track

(Note that many information system courses are offered at night only)

ISYS 240	Applications Programming I
ISYS 350	Systems Analysis and Design
ISYS 370	Database Management systems

PLUS: one additional information systems (ISYS) course

ACCOUNTING MAJOR

Requirements for the B.A. degree with a major in accounting are:

Core:

BUSN 207	Financial Accounting
BUSN 208	Managerial Accounting
BUSN 305	Business Law I
BUSN 333	Principles of Management
BUSN 485	Business Policy
ECON 203	Principles of Macroeconomics
MATH 105	Finite Mathematics
MATH 206	Statistical Methods

Plus Accounting Requirements:

BUSN 307	Intermediate Accounting I
BUSN 308	Intermediate Accounting II
BUSN 311	Cost Accounting
BUSN 313	Auditing
BUSN 315	Business Law II
BUSN 316	Federal Taxation
BUSN 317	Advanced Accounting

Plus Business Administration Concentration II

CIST 110	Fundamentals of Microcomputers
ECON 204	Principles of Microeconomics
BUSN 320	Business Ethics
BUSN 340	Marketing
BUSN 360	Corporate Finance

Students majoring in business administration or accounting must select at least 48 hours from courses outside the Business Department. Students cannot double major in business administration and accounting.

Students should be advised that several upper-level courses in accounting are offered only in evening sessions.

BUSN 115 Introduction to Business

An introduction to each of the principal areas of the business curriculum: accounting, finance, management and marketing, as well as the role of business in American society and the nature of the private enterprise system. 3 Hrs.

BUSN 207 Financial Accounting

A study of basic accounting theory and practice, the nature of assets and equity, income measurement, and financial statement preparation. 3 Hrs.

BUSN 208 Managerial Accounting

A study of the analysis and use of accounting data to manage enterprises. Topics include cost-volume-profit relationships, decision analysis, budgeting, standard costing, segment reporting, and basic product costing methods. 3 Hrs.

BUSN 211 Students in Free Enterprise

Students in Free Enterprise (SIFE) is a not-for-profit organization that works in partnership with business and higher education to help college students gain a greater understanding of business economics and the free-enterprise system. It also helps students gain the communication, leadership and teamwork experience they will need to succeed in business and in other careers. The class is available to any student in the College of Arts and Sciences with permission of the instructor. It may be repeated for additional credit up to a maximum of four credits at one per year. Grading is Pass/Fail for all students enrolled. 1 Hr.

BUSN 305 Business Law I

An introduction to law with an emphasis on the legal rights and duties of the individual engaged in business. Topics to be covered include contracts, sales, personal property and bailments. Prerequisite: Sophomore standing. 3 Hrs.

BUSN 307 Intermediate Accounting I

A study of financial accounting theory and generally accepted accounting principles. Topics include special problems of presentation in regard to cash, receivables, inventories, plant and equipment. Prerequisites: Business Administration 207 and 208. 3 Hrs.

BUSN 308 Intermediate Accounting II

A continuation of the study of the financial accounting theory along with generally accepted accounting principles. Topics include special problems of presentation in regard to liabilities, leases, pensions, equity, income taxes, earnings per share and changing prices. Prerequisite: Business Administration 307. 3 Hrs.

BUSN 311 Cost Accounting

A study of cost accounting systems including problems of cost determination. The course will emphasize the development of techniques for use in managerial decision-making such as standard costs and budgeting. Other topics include cost-benefit analysis, break-even analysis and capital budgeting. Prerequisites: Business Administration 207 and 208. 3 Hrs.

BUSN 313 Auditing

A study of auditing standards as they relate to internal, external and public-sector auditing. Topics to be covered include auditing theory and ethics, responsibilities and legal liability, audit evidence, audit method and the audit report. Prerequisite: Business Administration 308. 3 Hrs.

BUSN 315 **Business Law II**

A continuation of the study of law as it affects the individual engaged in business. Topics include agency, partnerships, corporations, real property and government regulation of business. Prerequisite: Business Administration 305. 3 Hrs.

BUSN 316 **Federal Taxation**

A comprehensive study of the federal tax system. Topics include income, deductions, credits and exclusions. Prerequisites: Business Administration 207 and 208. 3 Hrs.

BUSN 317 **Advanced Accounting**

An advanced study of financial accounting theory and application. Topics include external reporting, consolidations, partnerships, governmental accounting and fiduciary accounting. Prerequisite: Business Administration 308. 3 Hrs.

BUSN 320 **Business Ethics**

Analysis of business policies and practices with respect to their social impact; patterns of governmental regulations; political activities of trade associations and other special-interest groups; the relationship between public policy and the growth of corporate enterprise and the social responsibilities of business management. This course fulfills the writing-intensive course requirement. Prerequisite: Junior Class Standing. 3 Hrs.

BUSN 326 **Advanced Federal Taxation**

A comprehensive study of federal taxation of partnerships, corporations, estates, and trusts. Prerequisite: Business Administration 316. 3 Hrs.

BUSN 331 **Personnel Administration**

A study of the personnel function in the organization. Topics covered include job design, staffing, performance appraisal, training and development, compensation and collective bargaining. Current topics in the law (OSHA, Fair Employment Regulations, etc.) which affect the personnel function are considered. 3 Hrs.

BUSN 333 **Principles of Management**

A basic survey of management theory with emphasis on the functional and task requirements of management and behavioral considerations. Specific topics include the planning, organizing and controlling functions of management; contemporary models of organizational design; motivation and performance; and group behavior and influence processes. 3 Hrs.

BUSN 340 **Marketing**

A study of the interrelationship between marketing functions and the other primary functions of firms or organizations. An analytical survey is made of the problems of product planning, pricing, promotion, channels of distribution and legislation affecting marketing activities as related to the satisfaction of individual consumer and societal wants and needs. 3 Hrs.

BUSN 351 **Consumer Behavior**

An overall view of some of the basic perspectives of consumer behavior. An interdisciplinary approach will be stressed including the fields of economics, psychology, sociology and anthropology as related to marketing. Emphasis is placed on the fundamental processes of motivation, perception and learning, as well as analysis of individual and group influences as related to the marketing of goods and services. Prerequisite: Business Administration 340. 3 Hrs.

BUSN 353 Promotion Management

A study of the promotion activities of personal selling, advertising, public relations/publicity and sales promotion as part of overall marketing strategies and budgets. Prerequisite: Business Administration 340. 3 Hrs.

BUSN 360 Corporate Finance

Introduction to basic concepts, principles and analytical techniques of financial management. Emphasis on planning and managing assets. Topics include formulating financial objectives, short-term financial analysis, financial forecasting and planning, current asset management, elementary capital budgeting and cost of capital, the nature of long-term sources of funds, analysis of risks in financial decisions involving alternative investment options, mergers and acquisitions, problems in valuation, dividend policy, financial leverage and determination of optimal capital structure. Prerequisites: Business Administration 208; Economics 203 and 204; and Mathematics 206. 3 Hrs.

BUSN 372 Personal Financial Management

A study of the management of personal and family affairs. Includes income and expenditure planning, credit and borrowing, personal savings, taxes, insurance, social security, investing and retirement and estate planning. 3 Hrs.

BUSN 420 International Business

Survey and analysis of similarities and differences in management and business practices in selected countries in diverse parts of the world. Evaluation of socio-economic, political, legal, educational and cultural factors on managerial decision-making and business practices in specific environments. Some use of case analysis. Prerequisites: Economics 203 and 204; Business Administration 340. 3 Hrs.

BUSN 421 Organizational Behavior

An examination of the behavioral aspects of organizations within our society. Specific topics include the interrelationships between the individual, informal and formal groups; group formation, cohesiveness, conformity and norms; interpersonal communications; conflict; authority, power and influence; leadership, motivation and performance. Students may elect this course as Psychology 421. 3 Hrs.

BUSN 432 The Entrepreneurial Enterprise

A study of the entrepreneur and the skills required for successful entrepreneurship. Case studies and guidance from successful local entrepreneurs will assist the students as they develop their own business plan. Prerequisites: Business Administration 207, 208, or permission of the instructor. 3 Hrs.

BUSN 441 Retail Strategy and Management

An examination of the basic functions, institutions and activities of retailing goods and services with an emphasis on development and implementation of business strategy and management. Includes evaluation and selection of target markets, design of merchandising plan, and financial implications of strategy. Prerequisite: Business Administration 340. 3 Hrs.

BUSN 452 Marketing Management

A study of the marketing strategies used by management under a variety of circumstances and within a variety of business and organizational settings. The case analysis method is utilized. Prerequisite: Business Administration 340. 3 Hrs.

BUSN 453 Marketing Research

An introduction to the research and methods used in the marketing process. Areas given emphasis include sources of market data, sampling surveys, interpretation of data and the relationship of market research to the policies and functions of a business. Prerequisite: Business Administration 340 and Mathematics 206. 3 Hrs.

BUSN 470 Principles of Investment

A study of the economic and investment environment as it relates to security investment decisions. Introduction to the concepts and techniques relevant to the formulation of investment objectives, strategies and policies for individual and institutional investors. An elementary treatment of portfolio theory and the capital asset pricing model. Prerequisite: Business Administration 360. 3 Hrs.

BUSN 472 Seminar in Financial Management

In-depth treatment of advanced problems in managerial finance. Topics include working-capital management, capital budgeting, cost of capital, valuation, dividend policy and long-term financial management. Extensive use of cases. Prerequisite: Business Administration 360. 3 Hrs.

BUSN 485 Business Policy

Designed to develop analytical skills in strategy formulation and implementation and an integrated view of business operations. Provides a basic grasp of policy problems in a variety of business and governmental settings through the use of case studies. Prerequisites: Economics 203 and 204; Business Administration 207, 208, 305, 320, 324, 333, 340, 360; or permission of the instructor. 3 Hrs.

BUSN 492 Current Topics

Course designed to investigate and evaluate current topics or specialized areas of business. Course topic is to be announced the semester preceding the offering. Prerequisite: To be designated for each specific course offered. 3 Hrs.

BUSN 495 Independent Research/Study

A program of directed readings or a research project. Requires approval of the supervising professor, the division chairman and the vice president for academic affairs. Open to senior business majors with a 3.000 grade-point average in the major. 1, 2 or 3 Hrs.

CHEMISTRY

The chemistry program is designed to provide an educational experience with considerable depth in science and mathematics. Students are prepared by this program to go into industry or to pursue careers in chemistry and medicine requiring graduate study or formal professional training in medical school. Small class size ensures each upper-level student access to lab instruments.

Careers. Students planning to pursue careers in science and medically related fields should take courses in chemistry. These careers include chemistry, biochemistry, biology, forensic science, medicine, nursing, laboratory technology, medical technology, dental technology, physical therapy and veterinary medicine.

Natural science requirement. The Natural Science Requirement is met with Chemistry 101 or 111.

Writing-intensive course requirement. The writing-intensive course requirement is met with one course chosen from Chemistry 403 or 404.

Requirements for the B.S. degree with a major in biochemistry are:

Core:
CHEM 111, 111L Chemistry Principles I & Lab
CHEM 112, 112L Chemistry Principles II & Lab
CHEM 303, 303L Organic Chemistry I & Lab Hrs.
CHEM 304, 304L Organic Chemistry II & Lab
CHEM 305, 305L Qualitative Analysis & Lab
CHEM 307, 307L Instrumental Analysis & Lab
CHEM 308, 308L Physical Chemistry & Lab
CHEM 403, 403L Biochemistry I & Lab
CHEM 404, 404L Biochemistry II & Lab
BIOL 103 Principles of Biology
BIOL 402 Genetics

Choose two of the following:
BIOL 202 Vertebrate Zoology
BIOL 204 Botany
BIOL 207 Microbiology
BIOL 300 Cell Biology
BIOL 401 Comparative Physiology

Plus Physical Sciences II Concentration:
PHYS 101 General Physics
PHYS 102 General Physics
MATH 121 Calculus I
MATH 122 Calculus II
CSCI 131 Computer Science I

Note: Language proficiency as demonstrated by the completion of a 201 or 202 course or by testing is strongly recommended.

Laboratories. The department requires a student to register for a laboratory with each class course below Chemistry 405.

CHEM 101 General Chemistry I

This course includes the structure of the atom; the structure of the nucleus and nuclear chemistry; the Periodic Table; chemical bonding; solids, liquids and gases; and stoichiometric relationships, the properties of solutions, colloidal systems, chemical equilibria and hydrocarbons. Three hours lecture per week. Designed primarily for non-science majors. 3 Hrs.

CHEM 102 General Chemistry II

This course is an introduction to organic chemistry and biochemistry, including functional groups, reactions and synthesis. Three hours lecture per week. Primarily for non-science majors. Prerequisite: Chemistry 101 or permission of the instructor. 3 Hrs.

CHEM 111 Chemistry Principles I

The study of atomic and molecular structures, electronegativity, the relationships of Periodic Table, covalent, ionic and metallic bonding, molecular orbitals, enthalpy and entropy. Three hours lecture per week. Designed primarily for science majors. 3 Hrs.

CHEM 112 Chemistry Principles II

The study of chemical equilibria, reaction rates, free energy, electro-chemistry, acids, bases and pH and an introduction to carbon chemistry. Three hours lecture a week. Designed primarily for science majors. Prerequisite: Chemistry 111 or its equivalent. 3 Hrs.

CHEM 303 Organic Chemistry I

Introductory course including an integrated survey of the more important compounds of the aliphatic and aromatic series; emphasis on problems in organic synthesis. Three hours lecture a week. Prerequisite: Chemistry 112 or permission of the instructor. 3 Hrs.

CHEM 304 Organic Chemistry II

Theoretical course treating the mechanisms of organic reactions in terms of modern structural theories. Three hours lecture a week. Prerequisite: Chemistry 303 or permission of the instructor. 3 Hrs.

CHEM 305 Quantitative Analysis

Introduction to the theory and practice of quantitative analytical chemistry. Topics include volumetric analysis, spectroscopy, electrochemistry and chromatography. Three hours lecture per week. Prerequisite: Chemistry 112. 3 Hrs.

CHEM 307 Instrumental Analysis

A second course in analytical chemistry, treating the theory and operation of electronic instrumentation. Three hours lecture per week. Prerequisite: Chemistry 305 or permission. 3 Hrs.

CHEM 308 Physical Chemistry

Study of the structure of gases, the physical properties of matter, the laws of thermodynamics and the principles of equilibria. Three hours lecture a week. Offered alternate years. Prerequisites: Chemistry 112, Physics 101, Mathematics 121, 122 or permission of the instructor. 3 Hrs.

CHEM 390, 391 Laboratory Assistant in Chemistry

Practical experience as a laboratory assistant in the department. Chemistry 391 may be repeated once for credit. Grading is P/NR. Prerequisites: 12 hours of chemistry with a grade of B or better and permission of the department. 0, 1 Hr.

CHEM 403 Biochemistry I

Study of protein conformation and function; mechanisms and regulation of enzyme action; generation and storage of metabolic energy. Three hours lecture a week. This course fulfills the writing-intensive course requirement. Prerequisite: Chemistry 304. 3 Hrs.

CHEM 404 Biochemistry II

Study of the metabolism of biomolecules: biosynthesis of macromolecules; storage, transmission and expression of genetic information. This course fulfills the writing-intensive course requirement. Prerequisite: Chemistry 403, Biology 300 or permission of the instructor. 3 Hrs.

CHEM 430 Topics in Chemistry

This course provides the opportunity for a faculty member and a group of interested students to study a subject that is not offered on a regular basis in the curriculum. Topics are announced annually. May be repeated for credit under different subtitles. Prerequisite: One year of college chemistry. May vary with topic. 1, 2, 3 or 4 Hrs.

CHEM 450 Directed Individual Studies

Individual research conducted by the student. Three, six or nine hours of consultation and laboratory work a week. Prerequisite: Open to advanced students by permission of the instructor. 2, 3 or 4 Hrs.

Chemistry Laboratories

CHEM 101L General Chemistry I Laboratory

This laboratory introduces the student to elementary glass-working, general laboratory equipment and techniques, the principles of quantitative operations and qualitative analysis. Three hours laboratory a week. Lab fee $25. 1 Hr.

CHEM 102L General Chemistry II Laboratory

The student in this laboratory is introduced to semi-micro techniques, chromatography and elementary organic and biochemical techniques. Three hours laboratory a week. Lab fee $25. Prerequisite: Chemistry 101L or permission of the department. 1 Hr.

CHEM 111L Chemistry Principles I Laboratory

This laboratory introduces students to general laboratory equipment and techniques and the principles of gravimetric analysis. Lab fee $25. 1 Hr.

CHEM 112L Chemistry Principles II Laboratory

This laboratory introduces buffers, colligative properties, semi-micro techniques and volumetric and qualitative analysis. Lab fee $25. 1 Hr.

CHEM 303L Organic Chemistry I Laboratory

This course introduces the student to the basic experimental techniques of chemical synthesis of organic compounds. Three hours laboratory a week. Lab fee $25. Prerequisite: Chemistry 112L. 1 Hr.

CHEM 304L Organic Chemistry II Laboratory

A continuation of Laboratory 303L and the introduction of the student to organic qualitative analysis. Three hours laboratory a week. Lab fee $25. Prerequisite: Chemistry 303L. 1 Hr.

CHEM 305L Quantitative Analysis Laboratory

This laboratory introduces the student to the techniques of making accurate and precise measurements in the laboratory, with an emphasis on volumetric, gravimetric and electrochemical analysis methods. Three hours of laboratory per week. Lab Fee $25. 1 Hr.

CHEM 307L **Instrumental Analysis Laboratory**

This laboratory introduces the student to design, construction and operation of chemical instruments, as well as the proper selection of analytical techniques for solving chemical problems. Three hours of laboratory per week. Lab Fee $25. Prerequisite: Chemistry 305. 1 Hr.

CHEM 308L **Physical Chemistry Laboratory**

Introduction to basic devices for precise physical and chemical measurements. Three hours laboratory a week. Lab fee $25. Prerequisite: Chemistry 307L or permission of the instructor. 1 Hr.

CHEM 403L **Biochemistry I Laboratory**

Basic principles and techniques of biochemistry laboratory investigation introduced; work is quantitative in nature. Three hours laboratory a week. Lab fee $25. Prerequisite: Chemistry 304L or permission of the instructor. 1 Hr.

CHEM 404L **Biochemistry II Laboratory**

This course is a continuation of Laboratory 403L with special emphasis given to advanced biochemical methodology and to quantitative measurement. Three hours laboratory a week. Lab fee $25. Prerequisite: Chemistry 403L. 1 Hr.

COMMUNICATIONS

Students in communications should strive for excellence in oral and written communication. This major challenges the student to achieve the first goal for success in this field (the goal which most employers stress above any other): the ability to write effectively and correctly. Further, the courses analyze the complex interaction of the mass media and society as they reveal the exciting career opportunities open to the student in the rapidly expanding field of communications. Students work closely with their advisors in planning the total program.

Writing-intensive course requirement. The writing-intensive course requirement is met with Communications 207.

Requirements for the B.A. degree with a major in communications are:

Core:
COMM 110 Introduction to Mass Communications
COMM 200 Public Speaking
COMM 207 Nonfiction Writing
COMM 301 Fundamentals of Human Communication
COMM 415 Media and Society

Choose two of the following:
ENGL 200 World Literature
ENGL 210 British Literature Survey I
ENGL 220 British Literature Survey II
ENGL 230 American Literature

Choose one of the following:
COMM 103 The Sounds of Standard American English
COMM 231 Film History and Criticism
COMM 233 Television History and Criticism

Plus complete corporate or journalism track:

Corporate track:
COMM 341 Advertising
COMM 342 Public Relations
COMM 303 Persuasion and Campaigns
COMM 305 Organizational Communication

Journalism track:
COMM 204 Introduction to News Writing and Editing
COMM 213 Practicum in Communications, Chronicle (taken 2 times)
COMM 304 Advanced Media Writing
COMM 310 Broadcast Journalism

COMM 103 The Sounds of Standard American English

An introduction to the pronunciation of vowels, diphthongs and consonants of standard American English. The International Phonetic Alphabet and audio tapes will be primary tools. Students may elect this course as Dramatic Arts 103. 3 Hrs.

COMM 110 Introduction to Mass Communications

An introduction to the major fields of communications (television, radio, film, newspapers, magazines, advertising and public relations) and to the importance of communications in modern America. Attention to the history of the media and to the laws, pressure groups and regulatory agencies which influence them. 3 Hrs.

COMM 200 Public Speaking

This course will develop students' ability to prepare and deliver an effective speech in a variety of formats. Rhetoric, logic, diction, body language and other necessities of speaking in public will be addressed. 3 Hrs.

COMM 204 Introduction to News Writing and Editing

Studies of newspaper methods and the techniques of news writing, with emphasis on basic editing. Prerequisites: Communications 110 and English 110 and 120 or permission of the department. 3 Hrs.

COMM 207 Nonfiction Writing

Expository writing based upon assigned topics and readings. The student will be expected to write knowledgeable expository prose based upon thought, reading and research. This course fulfills the writing-intensive course requirement. Prerequisites: English 110 and 120 or permission of the department. Students may elect this course as English 207. 3 Hrs.

COMM 212 Practicum in Communications, Arete

Practical work in producing the college yearbook, Arete. Open to all students. Grading is Pass/Fail. 1 Hr.

COMM 213 Practicum in Communications, Queens Chronicle

Practical work in producing the student newspaper, Queens Chronicle, which includes regular journalism workshops with instructor and editors. Prerequisite: Communications 204 or permission of instructor. 2 Hr.

COMM 231 Film History and Criticism

Introduction and historical analysis of the development of cinema from the silent era to the contemporary avant garde: includes survey of technological developments, evolution of popular genres and the achievements of significant directors and their landmark films. Students may elect this course as Dramatic Art and Speech 231. 3 Hrs.

COMM 233 Television History and Criticism

A survey of the medium's 50-year history, including broadcast milestones, the entertainment and educational potential and the imprint on American society. Students will examine American mass culture through the window of television programming, explore the economic dimensions of the medium, and investigate new technologies. Students may elect this course as Dramatic Art and Speech 233. 3 Hrs.

COMM 301 Fundamentals of Human Communication

A survey of various theories and applications in several of the fields of human communication. Emphasis will be placed on the study of interpersonal communication, gender communication, group interaction and intercultural communication. 3 Hrs.

COMM 303 Persuasion and Campaigns

The study of theoretical and applied persuasive communication as it is used in focused large-scale campaigns to exert social and political influence. Students will analyze both classic and current political and social campaigns as well as prepare and present their own campaign for a given organization, candidate or issue. 3 Hrs.

COMM 304 Advanced Writing for the Media

Advanced study of the techniques of writing for the media, with emphasis on the development of specialized skills and research techniques. Prerequisites: Communications 204 and 307. 3 Hrs.

COMM 305 Organizational Communication

This course is designed to explore the broad theories and applications of organizational and managerial communication, and to develop critical skills to improve communication in business settings, including: communication in management; interpersonal relationships in the workplace; communication in small group contexts such as meetings and team building; conflict management; networking; nonverbals and office politics. 3 Hrs.

COMM 310 Broadcast Journalism

This course explores the broadcast journalism industry, examining the history of the industry, the structure of the contemporary newsroom and career opportunities in the field. Further, it gives students experience in writing and announcing radio and television news scripts. Prerequisites: Communications 110 and 204. 3 Hrs.

COMM 312 Nonverbal Communication

This course examines the various theories, research and applications of nonverbal communication in both personal and professional contexts. Areas to be studied include: body movement and gestures; clothing and personal artifacts; facial expression and eye behavior; use of space and territory; touching behavior; paralanguage and voice characteristics; and deception detection. The above areas will be applied to the contexts of interpersonal relationships, the workplace, and cultural differences. 3 Hrs.

COMM 341 Advertising

An introduction to the concepts, methods and materials of advertising, this course will explore the techniques of preparing a finished campaign from the research stage through market analysis to lay out, design and final presentation to a prospective client. The course will employ a case approach. A final project is required. 3 Hrs.

COMM 342 Public Relations

An introduction to public relations strategies for businesses and other organizations who must communicate with the public. The course will explore the media, methods and ethics of how an institution interacts with a variety of audiences. 3 Hrs.

COMM 350 Independent Study in Communications

This course involves an independent investigation of a period in the history of mass communications or of the influence of mass media on contemporary culture or of a topic related to other particular facets of the study of mass communications: for example, journalism, television, radio, magazines, advertising or some aspect of American popular culture. Open to junior and senior majors with a 3.000 average in communications. Prerequisites: Communications 110, 204 and permission of the department. 3 Hrs.

COMM 351 Film Studies

This course focuses on the art of film and will explore such topics as film criticism, film genres (such as science fiction, film noir, the musical, etc.), foreign films, film and society, the works of selected directors (such as John Ford, Alfred Hitchcock, Frank Capra, Steven Spielberg, etc.) or studios. 3 Hrs.

COMM 360 Topics in Communications

Intensive consideration of a single topic in communications. The topics for the course will vary from term to term and may range from a consideration of the work of a single individual to a study of the general movement. Open to majors and to others with the permission of the department. May be taken twice with different subtitles. 3 Hrs.

COMM 361 Topics in Journalism

Intensive consideration of a single topic in journalism. The topic for the course will vary from term to term and may range from a consideration of the work of a single individual to a study of the general movement. 3 Hrs.

COMM 415 Media and Society

This senior seminar analyzes media policies and practices with respect to their social impact: governmental regulations of the media; pressure groups and their influence; field studies on media influence; libel and privacy laws; and ethical issues confronting media practitioners. Required of all senior majors. Limited to those who have completed or are in the process of completing all earlier requirements for the major. 3 Hrs.

COMPUTER SCIENCE

CSCI 131 Computer Science I

Problem-solving processes, algorithmic design, structured programming in a procedural language, debugging and testing techniques; Pascal is the current implementation language used. Prerequisite: Placement into category A or B on the Mathematics Proficiency Test or permission of the instructor. 3 Hrs.

CSCI 132 Computer Science II

A continuation of CSCI 131. Rigorous development of algorithms and computer programs; elementary data structures like stacks, queues and linked lists; recursive procedures plus elementary searching and sorting techniques. Prerequisite: Computer Science 131. 3 Hrs.

CSCI 231 Data Structure and Algorithm Analysis

Theory of and advanced techniques for representation of information; review of stacks, queues and linked lists; trees and graphs; analysis of algorithms; hashing techniques; and advanced techniques for searching and sorting. Prerequisite: Computer Science 132. 3 Hrs.

CSCI 325 Computer Organization and Assembly Language

Organization of a computer, its basic components and addressing techniques; assembly language programming; assembling, linking, running and debugging programs; and macros. Prerequisite: Computer Science 132. 3 Hrs.

CORE PROGRAM IN THE LIBERAL ARTS

Queens' CORE Program is a required, three-year, interdisciplinary, and interactive common experience organized developmentally and devoted to helping students examine the nature and direction of their lives. It relies especially on the opportunities for experiential learning afforded by Queens' location in a large city.

The program's goals and content derive directly from the undisputed core of meaning in the term "Liberal Arts." Traditionally, those arts are persuasive writing and speaking, sound argument, incisive reading, and thoughtful judgement. They are all forms of know-how that we become good at with practice.

Traditionally, too, the word "liberal" in "liberal arts" refers to "freedom" in several respects: In their pre-modern context the liberal arts free us from banal pursuits so that we might act as responsible citizens; in a religious context they free us from mundane preoccupations so that we might focus on spiritual concerns; and in the modern context they free us from inherited prejudices through the development of a more critical intellect. The kernel of these various meanings is that any arts deemed "liberal" free us from what is less significant and hence, less worth caring for in the long run, by helping us sort out what ultimately is more significant, more worth caring for, over a lifetime, so that we might better deliberate on how we ought to live.

Below are listed, semester by semester, the Defining Questions young men and women who wish to be "free" must ponder.

Further information concerning Core Program requirements and regulations may be found in the "Academic Program" section, page 31, and the "Academic Regulations" sections, page 37.

CORE 110 Ancients

Today's students will live well into the next century and through as much social change as any generation in history. Yet, the spiritual and ethical resources for coping with such change come largely from a pre-modern past. This course's Defining Questions: What were the Hebrew-Christian and Greco-Roman notions of fineness in a person or in a life? What notions of a good or just society did each of these traditions bequeath to us? CORE Program fee, $55. 4 Hrs.

CORE 120 Moderns

This course continues the inquiry begun in 110. Its Defining Questions: How have scientific, technological and market forces altered our lives and beliefs in the modern era? How do these forces currently affect students' lives? What prior responses to the impact of these forces should students be mindful of? To what extent and in what respects do the older notions of a good person, good life and good society—those studied in CORE 110—still help us "moderns" assess and respond to the continuing transformation wrought by science, technology and the market? CORE Program fee, $55. 4 Hrs.

CORE 210 American Issues

The first year of the Core Program sought to develop powers of ethical and social judgement as well as an awareness of large-scale social change over time and its present impact on students' lives. The second is devoted to applying those powers and that awareness to the issues students confront as citizens. This first course in the second year focuses on what American citizenship entails with regard to issues at home; the second, with regard to issues abroad. CORE 210's Defining Questions: What makes us

Americans? What rights and responsibilities have we as American citizens? How can we participate more effectively and responsibly in American Democracy? CORE Program fee, $55. 4 Hrs.

CORE 220 Global Issues

This course's Defining Questions: How can we as Americans better understand cultures other than our own? What are the most pressing problems worldwide? What solutions would we offer? How can the United Nations find solutions to pressing global problems? CORE Program fee, $55. 4 Hrs.

There are no CORE Program courses in the third year. Yet, the CORE 110, 120, and 220 courses described above are intended in part to prepare students for a three and a half week trip abroad that over 90% of them take at the end of their junior year. And the final CORE Program course (described below) capitalizes on the work experience gained by Queens students in their prior internships.

CORE 410 Ethics

This case-based ethics course refines and applies the powers of ethical and social judgement developed in earlier Core Program courses. Its Defining Questions: What ought I to do in this or that situation? What kind of person do I want to be? What do I regard as the best possible life? What do I regard as a good or just community? CORE Program fee, $30. 3 Hrs.

DRAMATIC ART AND SPEECH

Major in English/Drama. Students may major in English/ Drama. Such a major provides the opportunity for concentrated work in dramatic literature and theatrical production. Electives may be chosen from the related fields of literature, dance and music. This major will introduce the student to all phases of theatrical and dramatic theory and practice.

Writing-intensive course requirement. The writing-intensive course requirement is met with Drama 250.

Requirements for the B.A. degree with a major in English/drama are:

ENGL 200 Introduction to World Literature
ENGL 313 Shakespeare
DRAM 303 Major Figures in World Drama: Ancient Greece to the Renaissance
DRAM 304 Major Figures in World Drama: Renaissance to Modern
DRAM 250 Beginning Acting
DRAM 315 Theatrical Production Technique
DRAM 352 Directing for the Theater
DRAM 451 Senior Project
DRAM 317 Practicum in Play Production (minimum 2 hrs.)

DRAM 231 Film History and Criticism
or
DRAM 233 Television History and Criticism

DRAM 103 The Sounds of Standard American English
or
DRAM 350 Advanced Acting

DRAM 336 Tragedy
or
DRAM 337 Comedy

DRAM 327 Modern Drama
or
DRAM 355 Topics in Dramatic Literature

DRAM 103 The Sounds of Standard American English

An introduction to the pronunciation of vowels, diphthongs and consonants of standard American English. The International Phonetic Alphabet and audio tapes will be primary tools. Students may elect this course as Communications 103. 3 Hrs.

DRAM 231 Film History and Criticism

Introduction and historical analysis of the development of cinema from the silent era to the contemporary avant garde; includes survey of technological developments, the evolution of popular genres and the achievements of significant directors and their landmark films. Students may elect this course as Communications 231. 3 Hrs.

DRAM 233 Television History and Criticism

A survey of the 50-year history of the medium, including its broadcast milestones, the entertainment and educational potential and the imprint on American society. Students will examine American mass culture through the window of television programming, explore the economic dimensions of the medium, and investigate new technologies. Students may elect this course as Communications 231. 3 Hrs.

DRAM 250 Beginning Acting

Introduction to basic principles of acting theory and accompanying illustrative exercises—relaxation, observation, concentration, imagination, alignment, improvisation, etc. This course fulfills the writing intensive course requirement for the drama major. 3 Hrs.

DRAM 303 Major Figures in World Drama: Ancient Greece to the Renaissance

Survey of dramatic literature from ancient Greece to the Renaissance, with emphasis on the relationship of the plays to the physical circumstances of theatrical production and to the historical and cultural milieu of the period. Students may elect this course as English 303. 3 Hrs.

DRAM 304 Major Figures in World Drama: Renaissance to Modern

Survey of dramatic literature from the Renaissance to the time of Ibsen with emphasis on the relationship of the plays to the physical circumstances of theatrical production and to the historical and cultural milieu of the period. Students may elect this course as English 304. 3 Hrs.

DRAM 315 Theatrical Production Technique

Introduction to the technical elements of theatrical production scenery, lighting, costumes, sound, properties, public relations, etc. This course examines these elements both individually and collectively as integral parts of a totally conceived and executed theatrical production. Students will complete individual projects as a part of this course. 3 Hrs.

DRAM 317 Practicum in Play Production

Opportunity for practical application of principles of set construction, lighting, costumes, make-up, publicity, etc. in the production of a play. 1, 2, or 3 Hrs.

DRAM 318 Acting Practicum

Admission by audition. Those students who are cast in a Queens College theater production will be (or may be) registered for this course. Credit through this course is valuable for all students cast in a production, regardless of major. Students cast in productions are not compelled to receive academic credit. 1, 2 or 3 Hrs.

DRAM 327 Modern Drama

Study of world drama from the realism of Ibsen through naturalism, expressionism and symbolism to the current avant-garde theater. Students may elect this course as English 327. 3 Hrs.

DRAM 336 Tragedy

An examination of the nature of tragedy with attention to plot, protagonist, philosophic content and effect upon audience. Models analyzed will include plays of the classic Greeks, Shakespeare, Ibsen, O'Neill, Miller and Williams. Students may elect this course as English 336. 3 Hrs.

DRAM 337 Comedy

An examination of the nature of comedy with attention to plot, character and the manipulation of language and traditional "lazzi." Models analyzed might be drawn from plays of Aristophanes, Shakespeare, Moliere, Wilde, Shaw and Neil Simon. Students may elect this course as English 337. 3 Hrs.

DRAM 350 **Advanced Acting**

Continued study of acting through text, topic, and/or productions and practical application of acting theory and technique by way of participation in rehearsal, development, and workshop presentation of scenes and/or monologues. Prerequisite: Drama 250. This course may be repeated for credit up to six hours. 3 Hrs.

DRAM 352 **Directing for the Theater**

Introduction to the basic principles of theatrical production from the viewpoint of the director; theoretical exploration of composition, picturization, movement, rhythm, and pantomimic dramatization and practical application of the above in the direction of a scene. Prerequisites: Drama 250 and 317. 3 Hrs.

DRAM 355 **Topics in Dramatic Literature**

Intensive consideration of a single problem in dramatic literature. The topic for this course will vary from term to term and may range from a consideration of the work of a major playwright to a study of a single genre or intellectual movement. May be taken twice with different subtitles. Prerequisites: Junior or senior standing; English 200 or Liberal Learning 210. 3 Hrs.

DRAM 450 **Directed Studies in Drama, Theater and Speech**

Independent investigation of an area in dramatic literature, theater or speech. Open to junior and senior majors with a 3.000 average in English/Drama. 2, 3 or 4 Hrs.

DRAM 451 **Senior Project**

Independent study/project for the senior drama major. The student will choose an area of particular interest (design, acting, directing, playwriting, dramatic literature, etc.) within the field of drama/theater and complete a project/research paper in that area. This course is a culmination of work done throughout the student's academic career. 3 Hrs.

ECONOMICS

Courses offered in economics provide for the study of the principles underlying economic systems at the national and international levels and governing the operations of market economies at the level of the household and the firm.

ECON 203 **Principles of Macroeconomics**

Introductory survey of aggregate economic principles; the scope and method of economics; business organizations; money and prices; national income theory; economic stabilization policies; and international trade. 3 Hrs.

ECON 204 **Principles of Microeconomics**

Survey of economic principles dealing with specific components of the economy and their application to economic problems; basic demand and supply theory; the theory of production and income distribution; agriculture, government regulation and labor organizations. 3 Hrs.

ECON 300 **Current Topics or Specialized Areas in Economics**

Courses designed to investigate and evaluate current topics or specialized areas of economics. Course topics are announced the term preceding the offering. Prerequisite: To be designated for each specific course offered. 3 Hrs.

ECON 345 **Intermediate Microeconomic Theory**

The study of resource allocation in the determination of optimum output and pricing by a firm. Emphasis includes utility and production functions and the application of microeconomic theory given various market conditions. Prerequisites: Economics 203 and 204; Mathematics 131. 3 Hrs.

EDUCATION

Obtaining a North Carolina Class “A” initial teacher license is possible through programs in elementary (K–6); special subjects (grade K–12) in French and Spanish; and secondary subject areas (grades 9–12) in English, mathematics, biology, history, and social studies. All programs are approved by the North Carolina State Board of Education and the National Council for Accreditation of Teacher Education (NCATE), allowing licensure reciprocity with other states. Teacher licensure may be obtained as part of the student’s four-year program. Students pursuing licensure in elementary education (K–6) should major in elementary education. Students pursuing (K–12) foreign language licensure should major in foreign language-French or foreign language-Spanish. Students pursuing secondary subject licensure (9–12) complete the appropriate major and gain licensure through a concentration in secondary education. At Queens College, the education of teachers is the joint responsibility of academic departments and the education department.

Department objectives state that the education of teachers is threefold: they receive liberal education, they pursue in depth their teaching specialties and they acquire the necessary professional knowledge and the skills needed in teaching. Objectives for each area of licensure are listed in the Teacher Education Handbook, available in the Education Department.

Admission to the teacher licensure program. All students apply to the Education Department for admission to the teacher licensure program during spring term of their sophomore year. To be accepted, a students must have:

- positive recommendations by three Queens faculty members
- an overall grade point average of 2.500 after four semesters of course work
- satisfactory scores on the mathematics, reading and writing components of the Pre-Professional Skills (PPST) Praxis I Test
- approval of the Teacher Education Committee

Students may not take more than 50 percent of their professional education courses before being officially admitted to the Teacher Education Program.

Retention in the Program. Retention in the program is based on the expectation that students demonstrate the characteristics of and conduct themselves as members of the teaching profession. Students may be removed from the program upon showing professional incompetence. A deficiency in one or more of the following areas is evidence of professional incompetence:

- knowledge of the subject
- ability to impart that knowledge
- the manner and efficacy of discipline in the classroom
- rapport with students, as well as parents, faculty, administration and staff
- physical and mental ability to perform the essential functions of a teacher

Professional incompetence may be grounds for dismissal from the program and failure to recommend students for licensure.

Admission to student teaching. Students must apply for student teaching in the term preceding their planned student teaching semester. All professional course work must be completed before the student teaching semester. Minimum criteria for admission to student teaching are:

- a cumulative grade point average of 2.75
- recommendation by the major department
- approval of the Education Division and Teacher Education Committee

North Carolina testing requirements. In addition to completing all program requirements, in order to be licensed in North Carolina, students must successfully pass any tests mandated by the state at that time. Currently students are required to take one component of Praxis II—a specialty area test. Completed information on current testing and application forms for the Praxis I and II may be obtained from the Education Division. Persons interested in teacher licensure who have already earned a bachelor's degree are admitted as post-baccalaureate students. They should contact the Hayworth College Admissions Office regarding admission and are expected to complete a minimum of 12 credit hours successfully at Queens College prior to student teaching.

Writing-intensive course requirement. The writing-intensive course requirement is met with Education 270.

Competencies. Licensure requires the achievement of competencies in areas designated by state and national accrediting agencies in general education, professional education, and teaching specialty.

Requirements for the B.A. degree with a major in elementary education are:

Professional education requirements (K-6)

EDUC 221	Introduction to Teaching
EDUC 225	Curriculum and Instruction for Elementary Schools
EDUC 270	Computers in Education
EDUC 305	Literature for Children
EDUC 310	Educational Psychology
EDUC 401	Language Arts Education
EDUC 402	Diagnostic and Corrective Techniques in Reading
EDUC 404	Mathematics Methods and Materials in Elementary Schools
EDUC 411	Social Studies Methods/Materials in Elementary Schools
EDUC 412	Science Methods/Materials in Elementary Schools

Plus

PSYC 201	Introduction to Psychology
MATH 104	Mathematical Ideas
ENVR 101	Environmental Science

PLUS: Complete two subject matter speciality areas from the list on page 83.

SPECIALTY AREAS

(These specialty areas are restricted to elementary education majors and satisfy the college concentration requirement.)

LANGUAGE ARTS SPECIALTY AREA

DRAM 103	Sounds of Standard American English
ENGL 200	Introduction to World Literature
ENGL 230	Survey of American Literature
ENGL 306	Introduction to Creative Writing

Choose one of the following:

ENGL 210	British Literature to 1660
ENGL 220	British Literature, 1660 to Present

SOCIAL STUDIES SPECIALTY AREA

HIST 202	The West in the World
HIST 203	The United States to 1877
HIST 204	The United States since 1877
ECON 203	Principles of Macroeconomics
POLS 201	Introduction to American Politics
SOCI 203	Principles of Sociology

SCIENCE SPECIALTY AREA

BIOL 103	Principles of Biology
CHEM 101	General Chemistry I
PHYS 101, 102	General Physics (lecture and lab)

MATHEMATICS SPECIALTY AREA

MATH 105	Finite Mathematics
MATH 121	Calculus I
MATH 206	Statistical Methods
MATH 209	Discrete Mathematics
MATH 304	Geometry

PSYCHOLOGY SPECIALTY AREA

PSYC 314	Psychology of Learning
PSYC 303	Social Psychology
PSYC 320	Developmental Psychology

Choose two of the following:

PSYC 308	The Exceptional Child
PSYC 311	Psychological Tests
PSYC 316	Cognitive Psychology

PLUS: Professional Internship: Teaching-block professional semester requirements (K–6):

EDUC 499A	Professional Internship: Elementary Student Teaching

Requirements for the B.A. degree with licensure in foreign language (French or Spanish, K–12) are: Completion of a major in foreign language, with the option of one language, either French or Spanish

PLUS: Professional Education Requirements

EDUC 221	Introduction to Teaching
EDUC 270	Computers in Education
EDUC 299*	Exploratory Internship
EDUC 310	Educational Psychology
EDUC 345	Content Area Reading
FREN 442	Methods and Materials for Foreign Language Teaching OR
SPAN 442	Methods and Materials for Foreign Language Teaching

* Complete the Exploratory Internship at the opposite grade level from student teaching level.

PLUS

PSYC 201	Introduction to Psychology

PLUS: Professional Internship: Teaching-block professional semester requirements (foreign language: French or Spanish, K–12)

EDUC 499D	Professional Internship: Foreign Language
EDUC 452 **	Post-Practicum Seminar in Secondary Education

**Only required for students who have completed the internship at secondary level.

Requirements for the B.A. degree with secondary education licensure (9–12)* are: (*Licensure areas are biology, English, history, mathematics or social studies)

Completion of a major in area in which licensure is desired. Course requirements in the major or additional to the major are noted below.

Biology:	Major in biology.
English:	Major in English including ENGL 207 & 309 and DRAM 231 or 233.
History:	Major in history. Must also complete POLS 201 or 250, ECON 203, SOCI 203 or 250.
Mathematics:	Major in mathematics including MATH 206, 209, 304 and 311. Also recommended: PHYS 101 and 102 and CSCI 131.
Social Studies:	Major in history. Must also include 21 credit hours in related social sciences including POLS 201 or 205, ECON 203, SOCI 203 or 250.

PLUS: Professional education requirements for secondary licensure

Secondary Education (9–12) Concentration
(This concentration is restricted to students majoring in biology, English, history, or mathematics and will satisfy the college concentration requirement.)

EDUC 221	Introduction to Teaching
EDUC 270	Computers in Education
EDUC 310	Educational Psychology
EDUC 345	Content Area Reading
EDUC 436	Secondary Methods/Materials

PLUS

PSYC 201 Introduction to Psychology

PLUS: Professional Internship: Teaching-block professional semester requirements (9–12):

EDUC 499C Professional Internship: Secondary Student Teaching
EDUC 452 Post-Practicum Seminar in Secondary Education

EDUC 221 Introduction to Teaching

Sociological, historical and philosophical background, purposes and concepts basic to the development of public education in the United States. Primarily for sophomore level students; required of all students in teacher education. A field experience is required. 3 Hrs.

EDUC 225 Curriculum and Instruction for Elementary Schools

Curricular planning and development skills with emphasis on designing and implementing integrated activities, developing individualized materials and classroom organization and management. A field experience is required. Prerequisite for other methods and materials courses. 3 Hrs.

EDUC 270 Computers in Education

Students will gain an understanding of the basic concepts of hardware and software and the uses of the computer in instructional programs by identifying, evaluating and selecting effective course ware, identifying and/or developing teaching strategies necessary to integrate course ware into the on-going instructional program and using the computer for Computer Assisted Instruction and Computer Managed Instruction. This course fulfills the writing-intensive course requirement. 3 Hrs.

EDUC 299 Exploratory Internship in Education

This internship is to provide students with the opportunity to explore career options through on-site experiences in educational settings. This internship does not count toward the major. 1, 2 or 3 Hrs.

EDUC 305 Literature for Children

Book selection and the integration of knowledge of children and books; includes evaluating types of literature and planning ways of using books with children. This course is designed primarily for education majors. 3 Hrs.

EDUC 310 Educational Psychology

Study of those principles and theories of psychology that have direct application to the classroom. Emphasis will be on development, learning, motivation, classroom management and assessment. Students will participate in six field placements in which they will observe contemporary research in authentic classroom situations. Pre- or Co-requisite: Psychology 201. 3 Hrs.

EDUC 345 Content Area Reading

The importance of reading development in the content fields for the improvement of learning is emphasized. Topics include study skills; selection of appropriate reading materials, both functional and recreational; classroom strategies for facilitating reading comprehension; and vocabulary-building methodologies. Required for secondary teacher certification in all areas except mathematics. 3 Hrs.

EDUC 352 Topics in Education

Intensive consideration of a problem in education that is not offered on a regular basis in the curriculum. The topics for the course will vary from term to term. Prerequisite: Sophomore status or above. 3 Hrs.

EDUC 401 Language Arts Education

Curriculum and teaching strategies in the language arts with emphasis on the interrelatedness of all language processes including reading, writing, listening, speaking, viewing, and visually representing. Includes an overview of basic reading skills and methods for teaching reading and the writing process. Integration of the language arts in all curricular areas is studied. A field experience is required. 3 hrs.

EDUC 402 Diagnostic and Corrective Techniques in Reading

Teaches students how to identify, interpret, and prescribe strategies to meet the needs of those experiencing difficulty in reading. Formal and informal diagnostic measures are studied. A school experience of working with students who have reading difficulties is required. Prerequisite: Education 401. 3 hrs.

EDUC 404 Mathematics Methods and Materials in the Elementary School

Provides a comprehensive overview of developmentally appropriate teaching methods, materials, resources and strategies related to effectively teaching mathematics concepts in elementary schools. Emphasis will be placed on reasoning, problem solving and the integration of mathematics in other areas of the elementary school curriculum. An integrated field experience is required. Co-requisites: Education 402, 411, 412. 3 Hrs.

EDUC 411 Social Studies Methods and Materials in the Elementary School

Examines methods, current trends and content of effective social studies teaching with emphasis on relationships among social science discipline areas in a multicultural society. Emphasis will be placed on developing thinking skills and problem solving and on the relationship of the social studies to other areas of the elementary school curriculum. An integrated field experience is required. Co-requisites: Education 402, 404, 412. 3 Hrs.

EDUC 412 Science Methods and Materials in the Elementary School

Examines developmentally appropriate teaching methods, materials, resources and strategies related to designing effective science learning experiences in elementary schools. Emphasis will be on connectedness of science to other areas of the elementary school curriculum. An integrated field experience is required. Co-requisites: Education 402, 404, 411. 3 Hrs.

EDUC 436 Secondary Methods and Materials

Study of teaching methods, resources, materials and strategies as related to general secondary school teaching and specific content area teaching. Prerequisite to student teaching; normally to be taken in fall term of senior year. A field experience is required. 3 Hrs.

EDUC 449 Practicum in Student Teaching

Course is designed for those students with extensive experience or certification in teaching in one area who now desire certification in area of experience or second area certification. Will include directed observation and student teaching in selected schools. Offered on demand. Grading is P/F. Student Teaching Fee: $25. Prerequisite: Permission of the Instructor. 3, 4, 5, 6 Hrs.

EDUC 450 Individual Studies in Education

Programs of study for experienced classroom teachers, following their interests and needs, are planned with the help of the instructor. Persons interested in enrolling in Education 450 must confer with the instructor in person or by letter prior to the beginning of the course so that individual study plans may be formulated. Offered on demand. Prerequisite: Classroom teaching experience and permission of the instructor. 1, 2 or 3 Hrs.

EDUC 452 Post-Practicum Seminar in Secondary Education

This seminar course which follows student teaching and is part of the professional block is designed to provide the final integration of the theoretical and practical aspects of the education profession. Through seminar topics and individual study, students will assess and strengthen the understandings and competencies required of teachers in secondary education. Grading is P/F. 2 Hrs.

EDUC 499A Professional Internship: Elementary

Directed observation and student teaching in selected schools, grades K–6; seminars are scheduled throughout this period. Grading is P/F. Student Teaching Fee: $50. 12 Hrs.

EDUC 499C Professional Internship: Secondary

Directed observation and student teaching in selected schools, grades 9–12. Seminars are scheduled throughout this period. Grading is P/F. Student Teaching Fee: $50. 12 Hrs.

EDUC 499D Professional Internship: Foreign Language

Directed observation and student teaching in selected schools, grades K–12. Seminars are scheduled throughout this period. Grading is P/F. Student Teaching Fee: $50. 12 Hrs.

ENGLISH

Courses in the department include composition, literature, speech, film, dramatic arts and communications. Students are encouraged to take courses in all these areas, but courses in speech, film, dramatic arts (unless specified) and communications do not count towards a regular major in English. Initial courses train the student to perceive and evaluate the form, structure and inner dynamics of any literary work. Advanced courses focus on specialized areas of relevance and are designed to give the student an awareness of ways in which other disciplines can contribute to a fuller understanding of literature.

Careers. Study of literature and composition affords preparation for professional schools in law and teaching. In addition, students majoring in this department find their training applicable to editing, newspaper and television journalism, and copywriting for publishers and advertising agencies. When combined with study in communications, economics and business, careers may be planned for public relations and personnel work. Career opportunities also exist in films, theater and many phases of creative writing. Students may also obtain teaching certificates through elective courses. Students interested in drama and theater may want to consider the program outlined in the section on dramatic art.

Teacher licensure. Students majoring in English may earn licensure to teach on the secondary level (grades 9–12). Refer to the Education section of the Catalog for specifics.

Writing-intensive course requirement. The writing-intensive course requirement is met with English 460.

Requirements for the B.A. degree with a major in English are:

Core:

ENGL 200 Introduction to World Literature
ENGL 210 British Literature to 1660
ENGL 220 British Literature, 1660 to Present
ENGL 230 Survey of American Literature
ENGL 460 Literary Criticism

Choose two of the following:

ENGL 303 Major Figures in World Drama: Ancient Greece to the Renaissance
ENGL 309 Chaucer and Medieval Literature
ENGL 313 Shakespeare
ENGL 318 The Seventeenth Century

Choose one of the following:

ENGL 322 Nineteenth Century British Literature
ENGL 324 Nineteenth Century American Literature

Choose two of the following:

ENGL 325 The Novel
ENGL 326 Modern British Literature
ENGL 327 Modern Drama
ENGL 328 Modern American Literature

PLUS: Completion of the literature or writing track as described on page 89.

Literature track:

Choose two of the following:

ENGL 304	Major Figures in World Drama: Renaissance to Modern
ENGL 332	African American Literature
ENGL 350	Contemporary Literature
ENGL 355	Special Studies in Literature: Drama, Fiction, Poetry
ENGL 336	Tragedy
ENGL 337	Comedy

Writing track:

ENGL 306	Introduction to Creative Writing.
ENGL 308	Writing of Poetry
ENGL 310	Writing of Fiction

Prerequisites. Two courses chosen from English 200, 210, 220 or 230 are prerequisite to all English courses numbered 300 or above. Special consideration will be given, in certain cases, to non-English majors who desire to take courses numbered 300 or above.

ENGL 099 Basic Composition

Basic Composition is required of students whose standardized test scores or grades in English 110 or 120 indicate that they need help in developing basic writing skills. The course will help students learn the fundamentals of grammar, develop proofreading skills, and write well-structured sentences and paragraphs. Credit for this course may not be used toward graduation. 1 Hr.

ENGL 110 Composition I

This course develops the student's writing skills and introduces research techniques. Emphasis is on the creation and revision of a variety of writing projects. 3 Hrs.

ENGL 120 Composition II

This course continues to develop the student's writing and research skills with focus on writing about literature: poetry, drama and fiction. 3 Hrs.

ENGL 200 World Literature

An introduction to world literature from the ancient to the modern. Emphasis on authors, genres, periods or themes may vary. 3 Hrs.

ENGL 207 Nonfiction Writing

Expository writing based upon topics and readings to be assigned by the instructor. The student will be expected to write knowledgeable expository prose based upon thought, reading and research. Prerequisites: English 110 and 120 or permission of the department. Students may elect this course as Communication 207. 3 Hrs.

ENGL 210 British Literature to 1660

Historical survey and critical exploration of the major periods, genres and attitudes of English literature from the Anglo-Saxon period and the Middle Ages through the Renaissance. The works of Chaucer, Shakespeare and Milton are highlighted. Primarily for sophomores; 210 need not be taken before 220, but both should be taken early in the major as foundations for later courses. 3 Hrs.

ENGL 220 British Literature, 1660 to the Present

Historical survey of the major movements and periods of English literature from the Restoration and Neo-classicism through 19th-century Romanticism and Realism to the Modern period. English 210 and 220 should be taken early in the major as foundations for later courses. 3 Hrs.

ENGL 230 Survey of American Literature

Provides an overview of the particular properties and the major movements of literature in the United States as seen in the works of selected writers from the colonial period to the present. This course serves as a prerequisite for all other courses in American Literature offered by the department. 3 Hrs.

ENGL 303 Major Figures in World Drama: Ancient Greece to the Renaissance

Survey of dramatic literature from ancient Greece to the Renaissance, with emphasis on the relationship of the plays to the physical circumstances of theatrical production and to the historical and cultural milieu of the period. Students may elect this course as Dramatic Art and Speech 303. 3 Hrs.

ENGL 304 Major Figures in World Drama: Renaissance to Modern

Survey of dramatic literature from the Renaissance to the time of Ibsen with emphasis on the relationship of the plays to the physical circumstances of theatrical production and to the historical and cultural milieu of the period. Students may elect this course as Dramatic Art and Speech 304. 3 Hrs.

ENGL 306 Introduction to Creative Writing

Study of principles of creative writing, with special attention to the various forms. The course will include study of principles of writing, with special attention to observation and reflection, form and meaning, modern usage and effective expression. 3 Hrs.

ENGL 308 Writing of Poetry

Advanced practice in writing of poetry and in scholarly criticism of contemporary poetry. This course is for serious poets with understanding of and experience in free verse and traditional forms. Prerequisite: English 306. 3 Hrs.

ENGL 309 Chaucer and Medieval Literature

Readings in medieval English literature with emphasis on Chaucer's Canterbury Tales. Prerequisite: English 210 or permission of the instructor. 3 Hrs.

ENGL 310 Writing of Fiction

An intensive study of the writing of short fiction, focusing on a command of point of view, plot and the use of selective detail to evoke both character and setting. Students will be expected to write approximately 30 pages of completed work, with extensive revisions over the course of the semester. Prerequisite: English 306. 3 Hrs.

ENGL 313 Shakespeare

Representative comedies, histories, tragedies and romances with emphasis on Shakespeare's development as a dramatic artist. Prerequisite: English 210 or permission of the instructor. 3 Hrs.

ENGL 318 The Seventeenth Century

Study of poetry, drama and prose with emphasis on Jonson, Donne and the Meta physicals, and Milton. Prerequisite: English 210 or permission of the instructor. 3 Hrs.

ENGL 322 Nineteenth Century British Literature

Critical study of the development of Romanticism and its influence throughout the Victorian period. Readings include poetry, nonfiction prose and the novel. Emphasis on authors, genres or themes may change. 3 Hrs.

ENGL 324 Nineteenth Century American Literature

Critical examination of major works and literary movements in nineteenth-century American literature, including the American "Romantics," the poetry of Emily Dickinson and Walt Whitman, the development of the American novel, the development of slave narratives and protest literature, the rise of Realism and the development of an American literary identity. Prerequisite: English 230. 3 Hrs.

ENGL 325 The Novel

Development of the novel as a literary form using selected works of English fiction from the 18th century to the present. 3 Hrs.

ENGL 326 Modern British Literature

Examination of modern British literature from the turn of the century to the 1950s. Emphasis on the work of Joyce, Yeats, Shaw and the Bloomsbury Group. Central themes and technical innovations in twentieth-century poetry, fiction and drama will be explored. 3 Hrs.

ENGL 327 Modern Drama

Study of world drama from the realism of Ibsen through naturalism, expressionism and symbolism to the current avant-garde theater. Students may elect this course as Dramatic Art and Speech 327. 3 Hrs.

ENGL 328 Modern American Literature

Critical examination of modern American literature from the turn of the century to the present. Emphasis on Eliot, Frost, Williams, Stevens, Faulkner, Hemingway, Ellison, Malamud, Oates, Cather and Morrison. 3 Hrs.

ENGL 332 African American Literature

Critical examination of work by African American authors and of movements within the African American literary tradition, which has developed both within and outside of dominant American culture. Topics may include the slave-narrative tradition, the Harlem Renaissance, Black protest novels, literary explorations of the African diaspora, African American literary theory and the development of an African American literary identity. Prerequisite: English 230. 3 Hrs.

ENGL 333 Southern Literature

Study of growth and development of the literature of the American South. The course will emphasize unique regional qualities of subject, theme and style. 3 Hrs.

ENGL 336 Tragedy

An examination of the nature of tragedy with attention to plot, protagonist, philosophic content and effect upon audience. Models analyzed will include plays of the classic Greeks, Shakespeare, Ibsen, O'Neill, Miller and Williams. Students may elect this course as Drama 336. 3 Hrs.

ENGL 337 Comedy

An examination of the nature of comedy with attention to plot, character and the manipulation of language and traditional "lazzi." Models analyzed might be drawn from plays of Aristophanes, Shakespeare, Moliere, Wilde, Shaw and Neil Simon. Students may elect this course as Drama 337. 3 Hrs.

ENGL 350 **Contemporary Literature**

An examination of authors, genres and movements prominent on the literary scene since 1950. Topics will vary. May be repeated once with different topic. 3 Hrs.

ENGL 351 **Literature and Film**

This course will study the relationship between the narrative and dramatic arts and their counterparts in film. Focus on works of prose and/or drama and their film adaptations to explore the story-telling techniques unique to each medium. Themes to be studied will vary, but may include, for example: the adaptations of selected novels and plays into film; the cinematic qualities of avant garde novels and plays; the "literary" qualities of selected films, etc. 3 Hrs.

ENGL 355 **Special Studies in Literature: Drama, Fiction, Poetry**

Intensive consideration of a single topic in drama, fiction or poetry. The topic for the course will vary from term to term and may range from a consideration of the work of a major writer to a study of a single genre or intellectual movement. May be taken twice with different subtitles. 3 Hrs.

ENGL 455 **Independent Studies in Literature: Drama, Fiction, Poetry**

Independent study of a topic in drama, fiction or poetry resulting in a research paper which is evaluated by two members of the department. Open to junior and senior majors with a 3.000 average in English. Student must have taken at least six hours of upper-level English courses and have permission of the department. 2, 3 or 4 Hrs.

ENGL 460 **Studies in Literature and Criticism**

Student will read works of literature and interpret them in the light of modern critical theories. Readings include critical essays and selected works by major authors. Seminar for seniors only. This course fulfills the writing-intensive course requirement. 3 Hrs.

ENVIRONMENTAL SCIENCE

Natural science requirement. The Natural Science Requirement is met with ENVR 101.

ENVR 101 **Environmental Science**

A study of some of the environmental issues confronting our modern society. Selected scientific principles are considered for a basic understanding of environmental problems, and some attention is given to the role of science and technology in the development and possible solutions of the problems. Specific topics include natural ecosystems, human population, food production, energy, transportation, water pollution and air pollution. Three hours lecture, two hours laboratory a week. Lab fee $25. 4 Hrs.

ENVR 201 **Physical Geography**

The simple ingredients of water, soil, rocks, and gravity combine to produce wonderfully complex landscapes on earth. To learn how the earth "works," this course examines how earth's physical processes (e.g., hydrology, geology, geomorphology, climatology) create and modify those landscapes. The design and execution of field research techniques in physical geography (field notes, sketching, soil and water sampling, and mapping) will be emphasized through team and individual research projects. Briefly considered is how landscapes affect other natural phenomena such as vegetation and wildlife. *Prerequisite*: ENVR 101 or BIOL 103 or CHEM 111 or permission of instructor 4 Hrs.

ENVR 450 Independent Studies in Environmental Science

This course allows students to pursue independent research projects in areas of the student's interest. Written reports and/or oral examinations will be required. This course may be taken more than once for credit, but total credits may not exceed six hours. Prerequisite: Permission from instructor. 1,2,3,or 4 Hrs.

FOREIGN LANGUAGE

A foreign language major with an option to choose one language or two languages is offered. Students may choose between French and Spanish. For specific course descriptions, see course listings under the appropriate language.

Requirements for a B.A. degree with a major in one language are:

Thirty credit hours of courses in the language above the 100-level as approved by the major advisor. The college-wide requirement of an internship should be in an environment related to the language of choice and may contribute up to six credits toward the major. Fulfillment of the internship requirement may be achieved either in a foreign placement or in an approved local placement. It is strongly recommended that at least six hours of credit be earned in foreign residency through participation in an international experience immersion program, foreign internship, or other approved foreign study program.

Requirements for a B.A. degree with a major in two languages are:

Eighteen credit hours above the 100-level in each of two languages as approved by the major advisor. Six hours must be taken in either three hours of internship in each language, or a foreign study experience, or by additional course work (at another institution if necessary).

Teacher Licensure. Students majoring in foreign language-French or foreign language-Spanish may earn licensure to teach K–12. Refer to the Education section of the *Catalog* for specifics.

Writing-intensive course requirement. Courses which meet the writing-intensive course requirement are listed with course offerings.

FRENCH

A foreign language major with an option to choose one language or two languages is offered. Students may choose between French and Spanish. Foreign Language major requirements are listed above.

Writing-intensive course requirement. The writing-intensive course requirement is met with one course chosen from FREN 310 and 320.

FREN 101, 102 Elementary French I and II

Introduction to the French language with emphasis on vocabulary and listening, speaking, reading and writing skills. 3 Hrs., 3 Hrs.

FREN 220 Intermediate French Grammar and Composition

Review and more advanced study of the language with emphasis placed on structure and the written expression of thoughts. Prerequisite: French 101 and 102 or permission of the department. 3 Hrs.

FREN 230 **Intermediate French Reading and Conversation**

Review and more advanced study of the language with emphasis placed on oral use and readings of various texts. Prerequisite: French 101 and 102 or permission of the department. 3 Hrs.

FREN 310 **Advanced Grammar and Translation**

A thorough review and expansion of French grammar with emphasis on translation. Prerequisite: French 220 or 230 or permission of the department. This course fulfills the writing-intensive course requirement. 3 Hrs.

FREN 320 **Advanced Composition**

Application of the principles of French grammar through writing to increase fluency. This course fulfills the writing intensive course requirement. Prerequisite: French 220 or 230 or permission of the department. 3 Hrs.

FREN 330 **Reading for Comprehension and Vocabulary**

Development of reading skills through the study of various journalistic, historical and literary texts in order to increase vocabulary and enhance comprehension. Prerequisite: French 220 or 230 or permission of the department. 3 Hrs.

FREN 340 **Advanced Conversation**

Advanced oral training through discussions, debates and presentations with stress on pronunciation, intonation and correct modes of expression. Prerequisite: French 220 or 230 or permission of the department. 3 Hrs.

FREN 343 **French Literary Classics**

Consideration of major literary works from various periods of French literature, chosen for their values as contribution to world literature. Works to be read in the original, papers and tests to be written in French. 3 Hrs.

FREN 350 **French Literature**

The study of major literary works with the goal of understanding some of the important cultural, socioeconomic and political ideas that have shaped French society. Prerequisite: French 220 or 230 or permission of the department. 3 Hrs.

FREN 360 **Issues of French Life**

The study of cultural, socioeconomic and political issues facing French-speaking countries as well as the historical trends which have shaped present-day society. Prerequisite: French 220 or 230 or permission of the department. 3 Hrs.

FREN 370 **Topics in French Studies**

Course designed to address a specific topic or area of French studies. Topic will be announced the semester preceding the offering. Prerequisite: To be designated for each specific course offered. 3 Hrs.

FREN 372 **Elementary Translating**

Comparative analysis of translated texts; questions of restructuring texts and adding or subtracting material; style/audience relationship; simple translations from source language to English; sight translation. 3 Hrs.

FREN 374 **Advanced Translating**

Study of professional journals in the field of translation; specific problems of source/target language equivalents; expansion of working dictionaries; oral reports on work in progress; translating of substantial text(s) in field of specialization. Texts may be scientific, technical, commercial, scholarly or literary, depending on field of specialization. 3 Hrs.

FREN 400 **Directed Readings in French**

Directed study of a topic requiring the use of French-language sources. Admission by consent of the instructor. 1, 2 or 3 Hrs.

FREN 401 **Independent Practicum in French**

An independent study of a topic of interest to a student. Projects must require the use of the target language (French). Proposals for study must be approved by the department. 1, 2, or 3 hours.

FREN 442 **Methods and Materials for Foreign Language Teaching**

Required for students who wish to teach foreign language at the secondary and/or elementary level. Study of current trends in methodology, resources, materials and strategies applicable to foreign language instruction. 3 Hrs.

GERMAN

GERM 101, 102 **Elementary German I and II**

Presentation of the basic structure of the language, with emphasis on correct oral and written use of the language. 3 Hrs.

GERM 201 **Intermediate German I**

Review of grammar, composition and conversation, based upon readings on the culture and civilizations of German-speaking countries. Prerequisite: German 102 or permission of the department. 3 Hrs.

GERM 202 **Intermediate German II**

Continued study of grammar, composition and conversation, based upon readings on the culture and civilizations of German-speaking countries. Prerequisite: German 201 or permission of the department. 3 Hrs.

GERM 370 **Topics in German Studies**

Course designed to address a specific topic or area of German studies. Topic will be announced the semester preceding the offering. Prerequisite: To be designated for each specific course offered. May be repeated with different topics. 3 Hrs.

HISTORY

History, drawing upon nearly all fields of knowledge, helps provide a deeper understanding and perspective of the forces which influence individuals and the world around them. It trains one in the skills of research, analysis and written interpretation.

Careers. A concentration in history is an excellent general foundation for many occupations, professional careers and graduate study. It provides opportunities for careers in teaching, policy research in government and business, archives and records management, law and politics, and foreign service. Queens College is a member of the Institute of Applied History.

Teacher licensure. Students majoring in history may earn licensure to teach history or social studies on the secondary level (grades 9-12). Refer to the Education section of the catalog for specific requirements.

Writing-intensive course requirement. The writing-intensive course requirement is met with History 300.

Requirements for the B.A. degree with a major in history are:

Core:

HIST 201	The Emergence of the West
HIST 202	The West in the World
HIST 203	The United States to 1877
HIST 204	The United States since 1877
HIST 300	Introduction to Research Techniques and Argumentative Writing

One course chosen from:

HIST 345	Religion in America
HIST 361	Ideas and Values in Conflict in History
HIST 362	Contemporary Ideas & Values
HIST 363	History of Our Time
HIST 395	Intellectual History of the United States

One 300-level U.S. history course chosen from:

HIST 340	African-American History
HIST 346	North Carolina History
HIST 348	Recent History of the American South
HIST 349	The Era of the Civil War
HIST 352	History of America Journalism
HIST 389	Topics in United States History
HIST 392	American Women

One 300-level European history course chosen from:

HIST 303	Ancient Greece
HIST 304	Ancient Rome
HIST 305	Medieval History
HIST 306	Early Modern Europe
HIST 309	Contemporary Europe
HIST 330	British History
HIST 331	Russian History
HIST 332	German History

Three additional history electives (may include the following courses as well as the U.S. and European courses listed above):

HIST 307	History of Latin America
HIST 315	Oral History
HIST 391	Topics in World History

Plus:

History majors must complete a concentration that has been approved by the department.

Prerequisites. Dependent upon the courses and noted in descriptions,History 201, 202, 203 or 204 are required except with permission of the instructor.

HIST 201 The Emergence of the West

A survey of the history of civilization from the ancient world to the European crises of the seventeenth century, with emphasis upon the political, social and intellectual development of Western civilization. 3 Hrs.

HIST 202 The West in the World

A survey of the history of civilization from the end of the religious wars and the emergence of the great European powers to the crises of the twentieth century and nuclear age, with emphasis generally upon the political, social and intellectual development of Western civilization. 3 Hrs.

HIST 203 The United States to 1877

Rise of an American tradition; establishment of a nation; economic and social developments; expansion and sectional controversy, war and reconstruction. 3 Hrs.

HIST 204 The United States since 1877

Settling the West; the triumph of business; reform movements and foreign affairs; the New Deal era; the Cold War era. 3 Hrs.

HIST 205 Global Encounters

This course examines those dramatic moments in world history when different cultures encounter each other. The medieval encounter between Christianity and Islam; Marco Polo's explorations in China; the Spanish exploration and conquest of the Americas; and the 19th century encounters between Europeans and Africans are only some of the topics which may be discussed. This course highlights non-Western perspectives on the human experience and provides an introduction to global history. 3 Hrs.

HIST 300 Introduction to Research Techniques and Argumentive Writing

This course will serve as an introduction to the research techniques and argumentative writing employed by historians and lawyers. Emphasis will be placed on introducing students to a wide range of primary source analysis, including standard legal materials, and exploring in depth how to craft an arumentative research paper. Students will be required to produce a substantial and originally researched paper at the end of the semester. This course fulfills the writing-intensive course requirement. 3 Hrs.

HIST 303 Ancient Greece

An examination of Greek history from the Mycenaeans in the second millennium B.C.E. through the Hellenistic era, with special emphasis on Classical Greece (500-323 B.C.E.). Prerequisite: History 201 or permission of the instructor. 3 Hrs.

HIST 304 Ancient Rome

A study of the history of Rome, from its founding to the disintegration of the Roman Empire in the fourth and fifth centuries C.E. Prerequisite: History 201 or permission of the instructor. 3 Hrs.

HIST 305 Medieval History

An investigation of the thousand years known as the Middle Ages the world of castles, cathedrals and universities; ladies and knights; peasants and burghers, dragons and unicorns. Prerequisite: History 201 or permission of the instructor. 3 Hrs.

HIST 306 Early Modern Europe

A survey of the history of Europe from the Renaissance to 1789. Topics include the 16th century rupture in Christendom, the growth of seaborne empires and national states, the scientific revolution, and the Enlightenment. *Prerequisite*: HIST 201 or permission of the instructor. 3 Hrs.

HIST 307 History of Latin America

A survey of the forces and events which have shaped Latin America experiences from the 16th century to the present. 3 Hrs.

HIST 309 Contemporary Europe

An investigation of today's Europe, from the First World War to the present. Topics include the world wars, the holocaust, the rise and fall of the Soviet Union, the Cold War and the rise of the European Union. Prerequisites: History 202 or permission of the instructor. 3 Hrs.

HIST 310 Ideas & Imagination in Europe: 1789 to Present

This course explores European intellectual and cultural history from the 18th century to the present. Though the course focuses on intellectuals and ideas, it places both in a wider cultural context. While the course focuses especially on written texts, it will include materials from music, the visual arts, and cinema. Movements to be considered range from the Enlightenment and Romantiscism, to Realism and Surrealism, to Modernism and Post-Modernism. Prerequisite: History 202 or permission of instructor. 3 Hrs.

HIST 315 Oral History

Examination of ways in which cultures were preserved in the past (folklore, folklife, handicrafts, etc.) and the study of and practice in the methodology of gathering and preserving historical information in oral form. 3 Hrs.

HIST 330 British History

An investigation of the British historical experience through the study of the key moments and personalities which have shaped British history from William the Conqueror through the Tudors and Stuarts, to the Victorians and the present. Prerequisite: History 202 or permission of the instructor. 3 Hrs.

HIST 331 Russian History

An investigation of the Russian experience through the study of the key moments and personalities which have shaped Russian history from Kievian Russia to the present. Prerequisite: History 202 or permission of the instructor. 3 Hrs.

HIST 332 German History

An examination of the experience of the German-speaking peoples from the devastation of the seventeenth-century Thirty Years War, through eighteenth-century Enlightenment, to the emergence of Germany as a major power in the nineteenth and twentieth centuries. Prerequisite: History 202 or permission of the instructor. 3 Hrs.

HIST 340 African-American History

This course concentrates on the history of African Americans from the colonial period to the present. It introduces students to the historical literature concerning the course of slavery in the United States, its abolition and aftermath, as well as the experience of free blacks in the North and South. It focuses on the institutionalization of segregation and African American efforts to achieve equality in an unequal system, culminating in the civil rights movement of the recent period. Cultural history—art, literature and music—are integral to the course, as is the experience of African American women. 3 Hrs.

HIST 341 The Civil Rights Movement in America

In 1903, W.E.B. Dubois argued that "the problem of the twentieth century is the problem of the color line." This course explores the unraveling of the color line in postwar America. Central to our task will be an analysis of the strategies and tactics grass roots activists employed in their assault on segregation. We will also assess the tensions which emerged between a civil rights movement based on the principle of integration and a black liberation movement which emphasized self-separation. At the same time, the course will examine the creation of an African-American "movement culture" that found expression in music, literature, and the arts. Prerequisite: History 204, Political Science 201, or permission of the instructor. 3 Hrs.

HIST 345 Religion in America

This course will provide students with a survey of the most important movements, people and events in American religious history from the settlement of the colonies to the present. The course will examine Protestant, Roman Catholic and Jewish traditions, as well as important cults and religious alternatives outside the traditional mainstream. Prerequisite: History 203 and 204 or permission of instructor. Students may elect this course as Religion 345. 3 Hrs.

HIST 346 North Carolina History

A careful study of the events and personalities which have shaped North Carolina. This course permits students to become actively engaged in historical analysis by focusing on local history, and in some cases, by visiting historic sites. Prerequisite: History 203 or 204 or permission of the instructor. 3 Hrs.

HIST 348 Recent History of the American South

Scholars and amateur historians have long probed the question: What is the South? This simple question has proved difficult to answer. Is there something truly distinctive about the South or are the differences between the South and the rest of the nation imagined? This course explores such questions, placing an analysis of contemporary southern life, politics, and culture in their proper and rich historical context. Our examination of recent southern history will trace events back to their late nineteenth century origins. Throughout the course we will pay close attention to changing politics of race, probe the unique expressions of southern culture - all in order to unlock the answer to the question of southern distinctiveness. Prerequisites: History 204 or permission of instructor. 3 Hrs.

HIST 349 The Era of the Civil War and Reconstruction

The Civil War and Reconstruction were the defining events of the nineteenth century if not the defining events in our nation's short history. Undertaking exactly how the nation arrived at the brink of war, divided, and finally, after horrible and bloody conflict, came back together again, will be the central task of this course. The course will be divided into three sections. In the first, students will explore the origins of the sectional conflict. Next we will examine the war itself, asking questions about the inevitability of the Union's victory and the role of the African Americans in the process of emancipation. In the last section of the course we will study attempts to reconstruct the relationships between whites and blacks, northerners and southerners in the wake of the Confederacy's defeat. Attention will also be paid to popular, current interpretations of the causes and meanings of the Civil War in popular culture. Prerequisite: History 203 or permission of the instructor. 3 Hrs.

HIST 350 Pop Culture and the Consumer Ethic in America

In the 1920s, flappers and families dominated American comic strips. In the 1930s, these strips were replaced by Buck Rogers, Dick Tracy, and Batman. Why the change? What does the change tell us about America's transition from the Roaring Twenties to the Great Depression? In this course we'll examine such questions, exploring the varied meanings behind expressions of popular culture and what such cultural forms tell us about the period in which they were created. This course will also explore the historical underpinnings behind the rise of mass media, paying specific attention to the interplay between industrialization and mass production and a culture based on the principle of consumption. Students may elect this course as American Studies 350. 3 Hrs.

HIST 351 History and Film

This course considers film as historical documents and the filmmaker as an historian. The purpose is to explore major historical events and thematic topics in history as they are reflected in film and as they affect the making of film. The course will focus on the inter-relation between historical record and film record. The course will be structured both around specific historical events such as the Great Depression and the Vietnam War, and selected topics such as women's history and film, the South on film, etc. 3 Hrs.

HIST 352 History of American Journalism

This course explores the history of journalism in America from the colonial period to the present. Though it will focus expecially on print journalism, it will consider as well the revolutionary significance of electronic journalism. This course will trace the continuities and changes in the ways in which new is defined, gathered, produced, and critiqued in American life and politics; and it will investigate in detail the lives and times of some of America's more intriguing journalists, from Peter Zenger to William Lloyd Garrison; from Ida Tarbell and the "Muckrakers" to H.L. Mencken; from early radio to TV news to the World Wide Web. Prerequisite: History 203 or History 204 or permission of the instructor. 3 Hrs.

HIST 361 Ideas and Values in Conflict in History

A study of decisive intellectual and moral conflicts involving individualism, humanism, obscurantism, fundamentalism, racism, nationalism, totalitarianism, socialism, Nazism, Communism, materialism and fanaticism. Seminar format. 3 Hrs.

HIST 362 Contemporary Ideas & Values

Like its companion seminar, History 361, this seminar investigates those ideas and values which shape human events and perspectives. This course focuses on contemporary ideas and values, that is, those issues which shape today and will shape tomorrow. While History 361 is an excellent preparation for this course, it is not a prerequisite. Prerequisite: History 201 or 202 or permission of the instructor. 3 Hrs.

HIST 363 The History of Our Time

This seminar is an exercise in the historical imagination. It considers those events and persons which dominate today's headlines, and considers them from an historical perspective. Specific themes will vary from semester to semester, but may include, for examples, investigations of world conflicts, political controversies, social and economic developments, and cultural debates. Prerequisite: History 201 or 202 or permission of the instructor. 3 Hrs.

HIST 385 Law and Society in America

The crime of witchcraft was not unusual throughout the early American colonies. By the Revolutionary War, however, it had virtually disappeared from the criminal dockets. Why? This course will explore the answer to this and like questions by examining America's legal system through the lens of social history. Particular attention will be paid to criminal justice studies and society's concepts of crime, deviance, and social mores. Prerequisite: History 203, or History 204, or Political Science 313, or permission of the instructor. 3 Hrs.

HIST 389 **Topics in United States History**

Topics are announced annually. Prerequisite: History 203 or 204 or permission of the instructor. 3 Hrs.

HIST 391 **Topics in World History**

Topics announced annually. Prerequisite: History 201 or 202 or permission of the instructor. 3 Hrs.

HIST 392 **American Women**

Derived from primary sources of women themselves, this study examines the central role of women in U.S. history. The study focuses on the period 1830 to the present, with particular attention given to race, region and class. 3 Hrs.

HIST 395 **Intellectual History of the United States**

Study of the intellectual tradition of the nation and the unique synthesis of ideas that has characterized American thought. Through examination of a cross-section of the works of major intellectual figures and explorations of the modes of thought of various generations, the course aims to provide students with deeper insights into the development of the American mind. Among topics under consideration are: the Puritan Mind, the American Enlightenment, ideas of the New Republic, the Mind of the South, individualism, pragmatism, conservatism and reform. Seminar format. Prerequisite: History 203 or 204 and Junior standing. 3 Hrs.

HIST 449 **Directed Readings in History**

Independent investigation of a topic through a program of directed readings. There will be an interpretive paper and oral examination conducted by department members. Open to majors with a B average in history after departmental approval of the topic. 1, 2, or 3 Hrs.

HIST 450 **Independent Study in History**

Independent investigation of a topic through the writing of a research paper; oral examination conducted by department members. Open to majors with a B average in history after departmental approval of the topic or project. 1, 2, or 3 Hrs.

HONORS PROGRAM

The Queens College Honors Program provides a high degree of freedom and individual challenge for academically talented and motivated students. To participate in the Honors Program, a student must be enrolled for a minimum of 12 hours and maintain a cumulative grade-point average of 3.000 or higher. Students with grades of Incomplete and transfer students in their first semester at Queens are ineligible unless granted special permission from their advisor and the Honors Director.

Honors Courses. Students wishing to do independent honors work as part of a course (In-Course Honors) or as a directed reading or study (Honors 250, 350) must submit a written proposal with bibliography to the Honors Committee for approval. These proposals are due during the registration period for the term in which they are to be undertaken.

In-Course Honors:

HONR 199	Open to students in 100-level courses.	1 Hr.
HONR 299	Open to students in 200-level courses.	1 Hr.
HONR 399	Open to students in 300-level courses.	1 Hr.
HONR 499	Open to students in 400-level courses.	1 Hr.

In-Course Honors allow a student to undertake additional work in a course in which he or she is enrolled. The nature of the work is decided upon by the student and the instructor for the course. The student's work must consist of special readings not included in the course; a written report is ordinarily required. While the student's grade is determined by the instructor, the paper or final project must be submitted to the Honors Committee for the student to receive credit. Each of these courses may be repeated for additional credit.

HONR 220 Honors Conversations

Offered each semester, Honors Conversations are small, self-contained, short-term seminars/workshops led by various faculty that investigate topics of common interest. Conversations may be centered around an event (such as a lecture, a play, a music or dance performance, a film, or a trip to a museum or gallery) or focused on some reading material, films, or a project designed by professors and students. Students may enroll in one or more of the Conversations each semester. To qualify for Honors Conversations credit, students must have attended and participated fully in all sessions of the Conversations in which they have been enrolled. These hours may be accumulated over several semesters. Each conversation counts 1/3 credit hours. During the semester when a full credit hour is accumulated, the credit will be recorded on the student's record as P. Students may receive up to four hours of Honors Conversations credit.

HONR 250 Directed Readings

Open to students who have completed at least one semester of work at Queens, Honors 250 provides an opportunity to explore, under supervision of a faculty member, related writings in a field of special interest. No paper is required. An oral examination will be conducted by faculty members selected by the Honors Committee. The grade is determined by the faculty examination committee and the supervisor. Honors 250 may be repeated for additional credit. 1, 2 or 3 Hrs.

HONR 350 Directed Study

Open to juniors and seniors. Honors 350 is a detailed study of a topic of special interest, resulting in a final project (usually a paper). The work is completed under the direction of a faculty member with the joint supervision and evaluation of other faculty appointed by the Honors Committee. The final project must be submitted to the study supervisor and the evaluation committee, who will then conduct an oral examination of the student. The grade is determined by the evaluation committee and the faculty supervisor. Honors 350 may be repeated for additional credit. 1, 2, or 3 Hrs.

HONR 490–491 Honors Thesis

These courses are open to seniors who have completed at least five hours of Honors work with no more than four hours taken from In-Course Honors and Honors Conversations. This is an opportunity for extended research in a field of special interest, resulting in an extended paper or final project and an oral defense before an examining committee appointed by the Honors Committee in consultation with the student and the thesis advisor. A detailed proposal for research must be submitted to the Honors Committee no later than April 15 of the student's junior year. The student will appear before the Committee shortly after submitting this proposal to discuss the project and receive approval. A grade of K will be assigned for Honors 490 until Honors 491 has been completed. The thesis must be submitted to the examination committee one week before the end of the spring term. The grade is determined by the thesis committee, the thesis advisor, and the chairperson of the department in which the work is completed. The phrase "With Honors Thesis" is printed on the diploma of a student who successfully competes these two courses. Satisfactory completion of HONR 350 (Directed Study) may be substituted for HONR 490 upon the approval of the Director. Such approval is usually contingent upon the existence of a clear connection between the prior research and the Honors Thesis. 1, 2, or 3 Hrs.

INFORMATION SYSTEMS

(*Note: Many information systems courses are offered at night. Check Hayworth College Catalog and schedule for other offerings.*)

ISYS 110 Fundamentals of Microcomputers

This course introduces the fundamentals of computing processes, including hardware and software. Business application topics include spreadsheat, database, and word processing. 3 Hrs.

ISYS 240 Business Applications Programming I

This course provides instruction and practical experience in designing and writing COBOL programs using structures and methodologies to complete business application programs. Prerequisite: Information Systems 110 and sophomore standing or permission of the department. 3 Hrs.

ISYS 350 Systems Analysis and Design

Developing systems to meet the need of an organization, training managers in design capabilities and limitations of information systems, beginning training for professional systems analyst and providing techniques for facilitating the implementation process. Prerequisite: Information Systems 240 and junior standing or permission of the department. 3 Hrs.

ISYS 370 Database Management Systems

This course provides an introduction to the properties, logic, design, implementation and accessing of business data bases as contrasted with conventional data file creation and maintenance techniques. Prerequisites:Information Systems 240 and junior standing or permission of the department. 3 Hrs.

INTERDISCIPLINARY STUDIES COURSES

IDST 200 Interdisciplinary Studies

An interdisciplinary course examining a major contemporary issue, offered in response to student and faculty interest. Credit as elective only. 3 Hrs.

IDST 300 Interdisciplinary Studies

An interdisciplinary course examining a major contemporary issue, offered in response to student and faculty interest. Credit as elective only. 3 Hrs.

IDST 450 Interdisciplinary Senior Thesis

Designed primarily for students who are engaged in interdisciplinary study at the advanced level. Supervised and evaluated by the student's major advisor and at least one person from another department. Open only to seniors. Students pursuing an honors degree should plan to take Honors 490 instead of Interdisciplinary Thesis 450. 3 Hrs.

INTERDISCIPLINARY MAJORS

American Studies

American Studies is an interdisciplinary major that combines literature, history, political science, art and many other disciplines in an examination of the distinctive character and achievements of American culture. American Studies attempts to trace the historical and cultural threads that link together such figures as Thomas Jefferson and Martin Luther King, Mark Twain and Elvis Presley, or Georgia O'Keefe and the cartoonist Art Spiegelman. American Studies fosters broad-ranging analytical skills and an understanding of the forces that have shaped our society today. It offers broad preparation for a range of different careers, for law school, or for graduate work in literature, history or in American Studies itself.

Requirements for the B.A. degree with a major in American studies are:

Core:

CORE 210	American Issues (serves as a foundation and introduction to the American Studies major but may not count for credit in the major since this course, or its equivalent, is required of all students)
ENGL 230	Survey of American Literature
HIST 203	The United States to 1877
HIST 204	The United States since 1877

Choose one of the following:

POLS 201	American Politics
SOCI 203	Principles of Sociology

Choose one of the following:

ART 307	Art in the United States
MUSC 200	Pop Music in America

Senior Thesis:

AMST 496, 497	Senior Thesis Preparation, Senior Thesis

Tracks:

Complete a total of 15 hours in at least two disciplines in one of the tracks listed below and three hours in the other track.

American Culture and the Arts Track

ENGL 328	Modern American Literature
ENGL 332	African American Literature
ENGL 324	Nineteenth Century American Literature
HIST 395	Intellectual History of the United States
MUSC 200	Pop Music in America
RELG 345	Religion in America

or

HIST 345	Religion in America
PHIL 255	American Philosophy
COMM 110	Introduction to Mass Communications
ART 415	Art since 1945

American History and Politics Track

HIST 340	African-American History
HIST 347	The Old South
HIST 348	The New South
HIST 392	American Women
POLS 313	Constitutional Law and the Judicial System
POLS 326	Contemporary American Foreign Policy
RELG 345	Religion in America
ECON 355	Capitalism

AMST 350 Pop Culture and the Consumer Ethic in America

In the 1920s, flappers and families dominated American comic strips. In the 1930s, these strips were replaced by Buck Rogers, Dick Tracy, and Batman. Why the change? What does the change tell us about America's transition from the Roaring Twenties to the Great Depression? In this course we'll examine such questions, exploring the varied meanings behind expressions of popular culture and what such cultural forms tell us about the period in which they were created. This course will also explore the historical underpinnings behind the rise of mass media, paying specific attention to the interplay between industrialization and mass production and a culture based on the principle of consumption. Students may elect this course as History 350. 3 Hrs.

AMST 496, 497 Senior Thesis Preparation, Senior Thesis

During the senior year, a major in American Studies will choose a thesis advisor from among the faculty teaching courses listed in the American Studies major. This advisor will direct the student in an independent study over the course of two semesters, leading to the completion of an interdisciplinary thesis in American Studies in the second semester. At the end of the second semester, the thesis will be evaluated by a committee of three faculty members, including the thesis advisor. This evaluation may include an oral presentation by the student. A grade of K will be assigned for American Studies 496 until American Studies 497 has been completed. Prerequisite: Senior American Studies major. 1 Hr., 2 Hrs.

Comparative Arts

The comparative arts interdisciplinary major focuses upon interactions among the various arts—visual arts, music, theatre/drama and literature—within their cultural contexts. It is directed toward the more academically inclined student, with critical examination of the art forms in relation to religious, philosophical, social and economic conditions.

Requirements for the B.A. degree with a major in comparative arts are:

Core:

Introductory courses:

ART 101	Introduction to Art
MUSC 100	Introduction to Music
ENGL 201	Introduction to Literature

History/Criticism courses:

Choose three courses from two areas of visual arts, comparative music, literature, drama/theatre. See approved list of courses below. Courses chosen must be from outside the area of concentration.

Cognate courses: Four courses from non-arts areas. See approved list of courses below.

Senior Research:

CART 498	Senior Research

Plus complete the comparative arts concentration.

Area of concentration:

Student will choose an area of concentration from visual arts, music, literature or drama/theatre. Requirements for the area of concentration are:

> four history/criticism courses (at least two courses must be at or above the 300-level) and two studio courses.

Courses for the concentration will be determined by the Comparative Arts advisor in consultation with appropriate department heads.

History/criticism courses for comparative arts majors

Area: Art

ART 215	Ancient to Early Renaissance Art
ART 216	High Renaissance Art to the Present Time
ART 307	Art in the United States
ART 315	Art of the Modern Era, 1870 to Present
ART 345	Art and Religion in the West
ART 415	Art Since 1945
ART 407	Topics in Art History

Area: Music

MUSC 200	Pop Music in America
MUSC 321	Music History and Literature I
MUSC 322	Music History and Literature II
MUSC 407	Topics in Music History and Literature

Area: Drama/Theatre

DRAM 231	Film History and Criticism

DRAM 233	Television History and Criticism
DRAM 303	Major Figures in World Drama: Ancient Greece to the Renaissance
DRAM 304	Major Figures in World Drama: Renaissance to Modern
DRAM 327	Modern Drama
DRAM 336	Tragedy
DRAM 337	Comedy
DRAM 355	Topics in Dramatic Literature

Area: Literature

ENGL 210	British Literature to 1660
ENGL 220	British Literature, 1660 to Present
ENGL 230	Survey of American Literature
ENGL 300	World Literature
ENGL 303	Major Figures in World Drama: Ancient Greece to the Renaissance
ENGL 304	Major Figures in World Drama: Renaissance to Modern
ENGL 309	Chaucer and Medieval Literature
ENGL 313	Shakespeare
ENGL 318	The Seventeenth Century
ENGL 322	Nineteenth Century British Literature
ENGL 324	Nineteenth Century American Literature
ENGL 326	Modern British Literature
ENGL 327	Modern Drama
ENGL 328	Modern American Literature
ENGL 332	African American Literature
ENGL 333	Southern Literature
ENGL 336	Tragedy
ENGL 337	Comedy
ENGL 350	Contemporary Literature
ENGL 355	Special Studies in Literature: Drama, Fiction, Poetry

Cognate courses for comparative arts majors

History

HIST 201	Western Civilization to 1650
HIST 202	Western Civilization Since 1650
HIST 203	The United States to 1877
HIST 204	The United States since 1877

Philosophy/Religion

PHIL 203	Introduction to Philosophy
RELG 205	The Old Testament
RELG 206	The New Testament
RELG 210	Introduction to World Religions

These courses have been chosen from the core offerings of the two departments. There are, however, numerous other offerings that students might select, with the approval of the Comparative Arts major advisor, depending upon that student's special interests. An interest in religious art, for example, would profit from such courses as PHIL 220, Philosophy of Religion, and HIST or RELG 345, Religion in America; an interest in medieval art suggests RELG 230, Ancient and Medieval Western Philosophy, and HIST 305, Medieval History; and for those with geographic orientations, such courses as HIST 322, German History. Those who view the arts within their intellectual frameworks would surely choose HIST 361, Ideas and Values in Conflict. And, indeed, we might discover courses outside the humanities areas—cultural anthropology, sociology, political science, etc.—that in special cases would enhance the student's understanding of the arts. The ruling principle in the selection of courses is that flexibility, which enables the student to explore productive avenues, be balanced by control—the assurance, provided by careful advising, that those selections are coherent.

CART 498 Senior Research

This course is a critical examination of an inter-arts subject, to be chosen by the student in conjunction with his/her advisor. Prerequisite: Senior standing. 3 Hrs.

INTERNATIONAL STUDIES

The international studies major emphasizes an interdisciplinary study of global issues and geographical regions of the world and encourages an appreciation of other cultures. Courses provide analytical and linguistic development. Specialization in Europe or developing countries is offered. A residency requirement allows the student to study the language and culture of their choice.

Requirements for the B.A. degree with a major in international studies are:

Core:

CORE 220	Global Issues (serves as a foundation and general introduction to the International Studies major but may not count for credit in the major since this course or its equivalent is required of all students)
INTS 220	Models of International Studies
HIST 202	The West in the World
RELG 210	Introduction to World Religions
POLS 250	Introduction to Comparative Politics
ECON 203	Principles of Macroeconomics

Language requirement:

Six credit hours in a foreign language. For European languages, these six credit hours need to be at the 300 level or above. For East Asian languages, they need to be at the 200 level or above. This requirement may be fulfilled by taking courses at another university approved by Queens College or by the foreign residency.

Area study:

Every student should select a track of study consistent with his/her language study and interests, and take a minimum of 15 credit hours selected from the course offerings. Note that certain courses are required and some courses have prerequisites. Portions may be fulfilled by the foreign residency. European and Developing Countries Tracks are listed on the next page.

Residency:

A student majoring in International Studies fulfills a residency requirement in a location appropriate to the chosen area of concentration. This residency should consist of a summer or semester abroad as approved by the International Studies faculty.

The International Studies Advisory Committee (ISAC) assists majors in planning for the residency and must approve all proposed residency programs. The ISAC will consult with the student during the residency and, in consultation with the registrar, will determine the academic credit to be transferred or awarded for the residency when the student returns. Academic credit earned in a foreign residency program may be used to satisfy other requirements in the major.

A student may fulfill the residency requirement by participating in one of the following:

1. Any extended language immersion program offered by Queens College through the International Experience Program Office;
2. An international internship of not less than 8 weeks;
3. A program like those offered by the Council on International Educational exchange;
4. A program consistent with the student's area and language studies offered by a

foreign educational institution. Academic credit earned in a foreign residency program may be used to satisfy other requirements in the major.

Area study tracks for international studies major

European Track

HIST 309	Contemporary Europe

Plus: choose four courses from the following:

ART 216	High Renaissance Art to the Present Time
or	
ART 315	Art of the Modern Era, 1870 to the Present
ENGL 200	Introduction to World Literature
or	
ENGL 326	Modern British Literature
BUSN 420	International Business
or	
ECON 454	International Trade
HIST 330	British History
or	
HIST 331	Russian History
or	
HIST 332	German History
PHIL 304	Modern Philosophy
POLS 301	European Political Systems
MUSC 322	Music History and Literature II

Developing Countries Track

Choose five courses from the following:

HIST 307	Latin American History
INTS 303	Topics in Developing Countries
POLS 306	Politics of Developing Countries
POLS 305	China, Japan and Korea
SPAN 360	Issues in Hispanic Life
POLS 425	Chinese Politics
BUSN 420	International Business
or	
ECON 454	International Trade

INTS 220 Models of International Studies

This course introduces students to methodologies for studying global issues. It requires a project that utilizes a framework in the student's area of interest and draws on materials introduced in CORE 220. Students are encouraged to take International Studies 220 concurrently with CORE 220 (or concurrently with its substitution). Students who have already taken CORE 220 or its equivalent may also register for this course. 1 Hr.

INTS 303 Topics in Developing Areas

A rotating topics course that would permit more in-depth studies of a topic, issue or area. Prerequisite: CORE 220 or permission of instructor. 3 Hrs.

PHILOSOPHY/RELIGION: Requirements listed in the Philosophy section.

JOHN BELK INTERNATIONAL PROGRAM STUDIES

IEPS 210 International Program Study Tour Preparation

Study of the culture, history, politics, geography, economy, society and language of the area upon which the study tour focuses. Grading is pass/no record. Open only to students enrolled in the appropriate study tour. Prerequisite to participation in the study tour. Prerequisite: Junior standing and a 2.000 cumulative grade-point average. 1, 2 Hrs.

IEPS 220 International Program Study Tour

The opportunity for the student to study and experience a foreign culture through a study tour program arranged by the College and led by Queens faculty. Grading is pass/fail. Prerequisite: International Experience Program Studies 210. 1, 2 or 3 Hrs.

IEPS 250 International Academic Study Tour

The opportunity for the student both to study and to experience a foreign culture through a course which combines a study tour with relevant study of a specific topic or region (its culture, history, politics, geography, economy, society and language). The study tours are arranged by the College and led by Queens faculty. Prerequisites: Junior standing and a 2.000 cumulative grade point average. 3 or 4 Hrs.

IEPS 498 International Program Internship Preparation

Prepares student for professional work experience and cultural experience in a foreign internship site. Study of culture, history, geography, economics, etc., of the area in which the internship will take place. Open only to students selected for the International Internship Program. Prerequisite: Junior standing and a 3.400 cumulative grade point average. Grading is Pass/No Record. 0–3 Hrs.

IEPS 499 International Internship

The opportunity for the student to gain professional and cultural experience while working and living in a foreign country. Internships are arranged by the college and students are required to keep a journal; prepare a report on work duties; do other assignments appropriate to the internship; and interview with the International Experience Director and faculty upon completion of the internship. Prerequisite: IEPS 498. Grading is Pass/Fail. 6 Hrs.

INTERNSHIPS

To fulfill the internship graduation requirement, a student must complete INTE 297, and INTE 498 and 499. INTE 297, "The World of Work," is a 2 credit hour course which provides the student with a humanities based approach to understanding the world of work. Students also receive help with career assessments, resume writing, interviewing tips, and job search techniques. Each student receives instruction in the use of software packages such as Microsoft Word, Excel, and Power Point. INTE 498 and 499, Professional Internship I and II, available to juniors and seniors, offer 2 hours of academic credit each. INTE 498 and 499 may be repeated. A student may take up to 12 semester hours of internship, practicum and field experience courses to count toward the 122 hours required for graduation.

INTE 297 The World of Work

The course introduces the concept of work in America through directed humanities readings, projects, and discussions. To provide a framework for practical preparation of internships, the course also facilitates self-assessment, acquisition of presentation skills, and acquisition of computer skills including Microsoft Word, Excel and Power Point. This course should normally be taken during the sophomore year. INTE 297 is prerequisite to the professional internship courses at Queens. Grading is Pass/Fail. 2 Hrs.

INTE 498 Professional Internship I

This course enables students to make a strong connection beween theory and practice, study and work. To enroll in INTE 498, stuents complete and sign a learning contract with a chosen internship site. Requirements include the completion of 86 work hours, reflective journals, and weekly class meetings. This course should normally be taken in the fall semester of the junior year. Grading is Pass/Fail. 2 Hrs.

INTE 499 Professional Internship II

For most students, INTE 499 is a follow up course to INTE 498, completed at the same internship site. Requirements include completion of 86 additional work hours, reflective journals, weekly class meetings, a summary paper, and an oral presentation at the end of the semester. This course should normally be taken at the end of the junior year. Grading is Pass/Fail. 2 Hrs.

LANGUAGE

LANG 101, 102 Elementary Foreign Language I and II

Fundamentals of grammar and phonetics, reading, writing and conversation. This course will be offered on a rotating topics basis as demand and faculty with sufficient credentials dictate. Languages that may be offered include Latin, Greek, Hebrew, Japanese, Chinese, Portuguese, Arabic, etc. 3 Hrs.

LANG 201, 202 Intermediate Foreign Language I and II

Review and more advanced study of a language with emphasis placed on structure and written and oral use. Introduction to the country's culture. 3 Hrs., 3 Hrs.

MATHEMATICS

It is the nature of mathematics to examine concepts from nearly all areas of thought using a uniquely abstract and deductive approach. Although mathematical investigation often involves the use of expressions which represent numbers, many of the discoveries of the discipline extend beyond the quantitative.

Mathematics competency. Upon entry into the College of Arts and Sciences, all students will be required to take a mathematics placement test. On the basis of the placement test results and their previous academic record, students will be placed in one of the following three categories:

Category one: Not required to take mathematics courses as a general college requirement; if student does take a mathematics course, placement is MATH 121 or above.

Category two: Required to successfully complete either MATH 104, MATH 105, MATH 110 or MATH 111.

Category three: Required to successfully complete either MATH 104, MATH 105, MATH 110 or MATH 111. Completion of MATH 099 is suggested before enrolling in MATH 104, MATH 105, MATH 110 or MATH 111.

Careers. The Department of Mathematics offers courses which reflect the general nature of mathematics. The student majoring in mathematics can choose a program which provides preparation for teaching at the secondary school level, continuing the study of mathematics in graduate school or pursuing the many opportunities in interdisciplinary areas such as sociology, psychology and biology. In addition, a rigorous training in mathematics or applied mathematics is excellent intellectual training for a wide variety of careers.

Teacher licensure. Students majoring in mathematics may earn licensure to teach on the secondary level (grades 9-12). Refer to the Education Division section of the Catalog for specific requirements.

Writing-intensive course requirement. The writing-intensive course requirement is met with Mathematics 401.

The requirements for the B.A. degree with a mathematics major are:

Core:

MATH 121	Calculus I
MATH 122	Calculus II
MATH 221	Calculus III
MATH 303	Linear Algebra
MATH 401	Modern Algebra
MATH 405	Probability and Statistics
MATH 415	Real Variables
MATH 496	Senior Seminar Preparation
MATH 497	Senior Seminar

Plus two courses chosen from:

MATH 206	Statistical Method
MATH 209	Discrete Mathematics
MATH 304	Geometry
MATH 311	Differential Equations
MATH 343	Number Theory
MATH 409	Numerical Analysis
MATH 417	Complex Analysis
MATH 430	Topics in Mathematics

MATH 099 Basic Mathematics

This is a developmental mathematics course including topics generally found in high school algebra II. Credit for this course may not be used toward graduation. 3 Hrs.

MATH 104 Mathematical Ideas

The course will explore topics selected from number theory, probability theory, topology and set theory. In addition, such areas as logic, modern geometries, chaos theory and fractals may be addressed. Throughout, unifying concepts of investigation, conjecture, counter examples and applications will be stressed. Prerequisite: Mathematics 099 or satisfactory performance on the mathematics placement test. 3 Hrs.

MATH 105 Finite Mathematics

Systems of equations, matrices, coordinate systems and graphs, and an introduction to linear programming, stochastic matrices, the mathematics of finance, difference equations and mathematical models. Topics are applied to illustrate the uses of finite mathematics in other disciplines. Prerequisite: Mathematics 099 or satisfactory performance on the mathematics placement test. Mathematics 105 and Mathematics 110 may not both be counted towards graduation credit. 3 Hrs.

MATH 110 Optimization

This course is designed to arm students with the mathmatical tools that will ease their understanding of mathmatical topics encountered in other disciplines and in future careers. Topics include an introduction to functions and their graphs; solutions to polynomials and systems of linear equalities and inequalities; differential and integral calculus. Applications that will be studied include optimizing with constraints, rates of change, finding maxima and minima of functions. This course may substitute for Mathematics 111 as the prerequisite for Mathematics 121 with permission of department chair. Mathematics 105 and Mathematics 110 may not both be counted towards graduation credit. Prerequisite: Mathematics 099 or satisfactory performance on the mathmatics placement test. 3 Hrs.

MATH 111 Precalculus

Topics will include functions and their graphs, exponential and logarithmic functions, trigonometric functions and equations, the theory of polynomials, systems of equations, sequences and analytic geometry. Prerequisite: Mathematics 099 or satisfactory performance on the mathematics placement test. 3 Hrs.

MATH 121 Calculus I

An integrated treatment of analytic geometry and limits, continuity of functions, differentiation of algebraic and trigonometric functions, applications of derivatives to extreme values and curve sketching, the fundamental theorems of integral calculus, common integration techniques and applications. Prerequisite: Mathematics 111 or consent of the mathmatics department. 3 Hrs.

MATH 122 Calculus II

The calculus of transcendental functions, indeterminate forms and l'Hopital's rule, improper integrals, infinite sequences and series, further techniques and applications of integration, inverse trigonometric functions, polar coordinates and plane curves. Students will be required to have access to a TI-83 or TI-83 Plus calculator for this course. Prerequisite: Mathematics 121. 4 Hrs.

MATH 206 Statistical Methods

An introduction to data analysis and statistical concepts. Interpretation and calculations for description of single variables and simple regression, basic probability, random variables, confidence intervals and tests of hypotheses. Computer software is 105 level. Students will be required to have access to a TI-83 or TI-83 Plus calculator for this course. 3 Hrs.

MATH 209 Discrete Mathematics

A rigorous treatment of relations, functions, set theory, Boolean algebra, logic and methods of proof, the binomial theorem, combinatorics, elements of number theory and recursion. Pre- or co-requisite: Mathematics 122. 3 Hrs.

MATH 221 Calculus III

Vector-valued functions, multi-variable functions and their derivatives, multiple integral, alternate coordinate systems, and the theorems of Green and Stokes. Students will be required to have access to a TI-83 or a TI-83 Plus calculator for this course. Prerequisite: Mathematics 122. 3 Hrs.

MATH 303 Linear Algebra

Coordinate geometry, vectors and three-dimensional geometry, matrices and determinants, linear transformations. Prerequisites: Mathematics 209, 221. 3 Hrs.

MATH 304 Geometry

Modern approach to the study of Euclidean and non-Euclidean geometries, including incidence and affine geometries; designed especially for students preparing to teach. Prerequisites: Mathematics 209, 221. 3 Hrs.

MATH 311 Differential Equations

This course is designed to introduce the student to differential equations and their applications. In addition to studying the theoretical aspects of differential equations, students will also examine numerical methods and solutions with the use of the existing computer facilities and software. Prerequisite: Mathematics 221. 3 Hrs.

MATH 343 Number Theory

The structure of the integers and rational numbers and integer solutions of various types of equations; algorithms and theorems relating to the properties of division, the factorization of integers into primes and the rational approximation of irrational numbers. Prerequisites: Mathematics 209, 221. 3 Hrs.

MATH 401 Modern Algebra

Introduction to abstract algebra. Topics include basic properties of integers, permutation groups, subgroups, quotient groups, group isomorphisms and homomorphism, rings and ideals. This course fulfills the writing-intensive course requirement. Prerequisite: Mathematics 303. 4 Hrs.

MATH 405 Introduction to Probability and Mathematical Statistics

Introductory study of probability as a mathematical system. Topics include set theory and probability, conditional probability, random variables and distributions, expectation, and special discrete and continuous probability distributions. Prerequisites: Mathematics 209, 221. 3 Hrs.

MATH 409 Numerical Analysis

Roots of algebraic and transcendental equations, the numerical solution of differential equations, initial value problems for ordinary differential equations and approximation theory. Prerequisite: Mathematics 311. 3 Hrs.

MATH 415 Introduction to Real Variable Theory

Careful axiomatic development of the real number system, limits of functions and real sequences, continuity, theory of differentiation and integration. Prerequisite: Mathematics 209, 221. 3 Hrs.

MATH 417 Introduction to Complex Analysis

Development of the theory of complex numbers and functions, power series, Cauchy's theorem and applications, harmonic functions and conformal mapping. Prerequisite: Mathematics 415. 3 Hrs.

MATH 430 Topics in Mathematics

This course provides the opportunity for a faculty member and a group of interested students to study a subject that is not offered on a regular basis in the curriculum. Topics are announced annually. May be repeated for credit under different subtitles. May vary with topic. Lecture hours vary with the hours credit and the course taught. Prerequisite: One year of college mathematics. 1, 2, 3 or 4 Hrs.

MATH 450 Independent Studies in Mathematics

Research projects in the area of the student's interest; written report will be required. May be repeated for credit. Prerequisite: Open to advanced students with permission of the instructor. 1, 2 or 3 Hrs.

MATH 496 Senior Seminar Preparation

Each senior will be assigned an advisor from the mathematics faculty, with whose guidance the senior will read in a mathematical area and select the topic for a paper to be written in the spring semester. A grade of K will be assigned for Mathematics 496 until Mathematics 497 has been completed. Prerequisite: Senior standing. Fall semester only. 1 Hr.

MATH 497 Senior Seminar

Each senior will complete the paper for which preparatory work was done during the fall semester. The paper will be presented in the senior seminar and a written version of the paper may be housed in the library. Prerequisite: Mathematics 496. Spring semester only. 2 Hrs.

MUSIC

The Music Department seeks to provide superior training for students interested in pursuing a professional music career, including preparation for such positions as performer, music therapist or research scholar. It also aims to provide opportunities for persons minoring in music or majoring in other fields to develop special musical abilities in an atmosphere that focuses upon the individual student's abilities, needs and interests. The Music Department feels that it is most important to ensure that all students have the opportunity to become more musically literate and to foster in them a lifelong appreciation for music. The department endeavors to approach all musical learning within the context of the totality of all knowledge, integrating the musical experience with outside learning and knowledge. As a part of its outreach program, it provides private instruction and music therapy sessions to individuals in the community ranging from pre-school to adults in the Queens Music Academy. The Music Department seeks to provide opportunities to hear a variety of live musical performances of superior quality by the entire community involving performances by campus ensembles and individuals as well as groups from the community and professional performing world. Through its contacts with local professional groups, arrangements can be made for students to study any standard orchestral instrument, including those not listed specifically in this section.

Admissions criteria. All students must demonstrate suitable proficiency on a primary instrument through a live audition prior to beginning a degree program in music. Faculty approval for a change in major to music performance after the entering year will be granted/denied through an audition for the degree program.

Writing-intensive course requirement. The writing-intensive course requirement for the B.A. degree with a major in music or the B.M. degree with an instrumental performance or voice major is met with Music 455. The writing-intensive course requirement for the Bachelor of Music degree in applied music is met with Music 455. The writing-intensive course requirement for the B.M. degree with a major in music therapy is met with either Music 409 or 410.

Sophomore Qualifying Exam. After completing four semesters of course work, all majors will be required to demonstrate suitable proficiency and progress in their major. This will include a review of academic progress, a jury exam which will include an oral examination as well as performance, and an assessment of theory and other music skill development. Students must pass this exam in order to remain in good standing in their degree program. In order to enter into the junior level as a music major, students must declare a major instrument.

Major Field Exam. During the spring of the senior year, all music majors will be required to take a major field exam in music history and music theory. This exam is for assessment purposes only.

Recitals. All students preparing recitals must be approved to present their recital as a result of a pre-recital hearing no less than one month prior to the scheduled recital date. The jury for this pre-recital hearing must include the applied instructor, the department chair, and one other music faculty member.

Proficiency Requirement. All candidates for music degrees should be able to demonstrate basic piano proficiency to include scales, chords, prepared pieces, and if appropriate, accompaniment patterns and sight reading. Upon entering the degree program, those students unable to demonstrate such skills will be expected to fulfill specific piano requirements for their degree program as listed in the catalog.

Music therapy degree candidates must pass proficiencies in piano, voice, and guitar. All students must enroll in class studies or applied lessons in the appropriate area(s) until proficiency has been granted.

Instrumental performance and voice major candidates must enroll in class piano or private lessons until proficiency is granted. All students must be enrolled in at least one large ensemble per semester in principal instrument field.

Ensemble Requirement. The 8 credit hour ensemble requirement for the Bachelor of Music degree can be fulfilled with 4 credit hours in the Queens College Chorale (MUSC 187, 188); 2 credit hours in small ensemble – Chamber Singers (MUSC 197, 198 or Royal Showstoppers (MUSC 193, 194) or MUSC 185, 186 Ensembles); and 2 credit hours in Symphonic Band (MUSC 177, 178) or Orchestra (MUSC 179, 180).

Specific requirements, additional fees, information and changes not listed below are contained in the Music Department Handbook. Any requirements that are part of NASM guidelines will need to be followed regardless of requirements stated in a student's freshman year catalog.

Concert attendance. All degree programs require 8 semesters of concert attendance, MUSC 10, 11, 20, 21, 30, 31, 40, 41.

Requirements for the B.A. degree with a music major are:

Core:

MUSC 100	Introduction to Music
MUSC 103	Theory and Composition I
MUSC 104	Theory and Composition II
MUSC 113	Sight-Singing and Ear-Training I
MUSC 114	Sight-Singing and Ear-Training II
MUSC 203	Theory and Composition III
MUSC 204	Theory and Composition IV
MUSC 213	Sight-Singing and Ear-Training III
MUSC 214	Sight-Singing and Ear-Training IV
MUSC 321	Music History and Literature I
MUSC 322	Music History and Literature II
MUSC 455	Seminar in Applied Analysis

Plus:

MUSC 185	Small Ensemble
MUSC 310	Conducting

MUSC 395	Functional Piano Class I
MUSC 396	Functional Piano Class II
Ensemble—	Choir or Band (4 Hrs.)
Applied Music—	1 instrument (4 Hrs.)

Music Elective (3 Hrs.)

Requirements for the B.M. degree with an instrumental performance major are:

Core:

MUSC 100	Introduction to Music
MUSC 103	Theory and Composition I
MUSC 104	Theory and Composition II
MUSC 113	Sight-Singing and Ear-Training I
MUSC 114	Sight-Singing and Ear-Training II
MUSC 203	Theory and Composition III
MUSC 204	Theory and Composition IV
MUSC 213	Sight-Singing and Ear-Training III
MUSC 214	Sight-Singing and Ear-Training IV
MUSC 321	Music History and Literature I
MUSC 322	Music History and Literature II
MUSC 455	Seminar in Applied Analysis

Plus: (for non-piano)

MUSC 185	Small Ensemble
MUSC 406	Topics in Music History and Literature
MUSC 310	Conducting
MUSC 399	Half-Recital
MUSC 400	Senior Recital

Ensemble (8 Hrs.)
Secondary Applied Area (4 Hrs.)
Electives (7 Hrs.)

Plus: Applied Instrument Concentration

Applied Instrument Courses (21–24 Hrs.)

Or:

Plus: (for piano)

MUSC 185	Small Ensemble
MUSC 310	Conducting
MUSC 399	Half-Recital
MUSC 400	Senior Recital
MUSC 413	Piano Pedagogy and Literature I
MUSC 414	Piano Pedagogy and Literature II

Ensemble (8 Hrs.)
Secondary Applied Area (4 Hrs.)
Electives (7 Hrs.)

Plus: Applied Piano Concentration

Applied Piano Courses (21–24 Hrs.)

Requirements for the B.M. degree with a voice major are:

Core:

MUSC 100	Introduction to Music
MUSC 103	Theory and Composition I
MUSC 104	Theory and Composition II
MUSC 113	Sight-Singing and Ear-Training I
MUSC 114	Sight-Singing and Ear-Training II
MUSC 203	Theory and Composition III
MUSC 204	Theory and Composition IV
MUSC 213	Sight-Singing and Ear-Training III
MUSC 214	Sight-Singing and Ear-Training IV
MUSC 321	Music History and Literature I
MUSC 322	Music History and Literature II
MUSC 455	Seminar in Applied Analysis

Plus:

MUSC 185	Small Ensemble
MUSC 215	Diction for Singers (English, Latin and Italian)
MUSC 216	Diction for Singers (French and German)
MUSC 310	Conducting
MUSC 324	Vocal Pedagogy I
MUSC 325	Vocal Pedagogy II
MUSC 399	Half-Recital
MUSC 400	Senior Recital

Ensemble (8 Hrs.)
Secondary Applied Area (4 Hrs.)
Electives (4 Hrs.)

Plus: Applied Voice Concentration

Applied Voice Courses (21–24 Hrs.)

Plus: Foreign Language (0–12 Hrs.)

Requirements for the B.M. degree with a music therapy major are:

Core:

MUSC 100	Introduction to Music
MUSC 103	Theory and Composition I
MUSC 104	Theory and Composition II
MUSC 113	Sight-Singing and Ear-Training I
MUSC 114	Sight-Singing and Ear-Training II
MUSC 203	Theory and Composition III
MUSC 204	Theory and Composition IV
MUSC 213	Sight-Singing and Ear-Training III
MUSC 214	Sight-Singing and Ear-Training IV
MUSC 321	Music History and Literature I
MUSC 322	Music History and Literature II

Plus: Choose one of the following:

MUSC 200	Pop Music in America
MUSC 207	Music in America

Plus:

Applied Area (6–8 Hrs.)
Ensemble (8 Hrs.)

MUSC 185	Small Ensemble
MUSC 195	Functional Piano Class I
MUSC 196	Functional Piano Class II
MUSC 211	Music Therapy Methods and Materials for Children
MUSC 217	Introduction to Music Therapy
MUSC 310	Conducting
MUSC 311	Music Therapy Methods and Materials for Adults
MUSC 341	String Laboratory
MUSC 342	Wind Laboratory
MUSC 343	Percussion Laboratory
MUSC 401	Psychology of Music I
MUSC 402	Psychology of Music II
MUSC 409	Music in Therapy I
MUSC 410	Music in Therapy II
MUSC 499	Professional Music Internship: Music Therapy

Plus:

MUSC 131	Freshman Music Therapy Practicum I
MUSC 132	Freshman Music Therapy Practicum II
MUSC 231	Sophomore Music Therapy Practicum III
MUSC 232	Sophomore Music Therapy Practicum IV
MUSC 331	Junior Music Therapy Practicum V
MUSC 332	Junior Music Therapy Practicum VI
MUSC 431	Senior Music Therapy Practicum VII
MUSC 432	Senior Music Therapy Practicum VIII

Plus psychology/science concentration:

PSYC 201	General Psychology
PSYC 304	Abnormal Psychology
PSYC 308	The Exceptional Child
PSYC 320	Developmental Psychology
BIOL 111, 111L	Human Anatomy

Elective in Psychology or Science (Psychology 330 recommended)

MUSC 100 Introduction to Music

Study of the basic materials of music, survey of the important composers and examination of selected masterpieces with reference to cultural background; technical knowledge of music not necessary for enrollment. 3 Hrs.

MUSC 103 Theory and Composition I

Fundamentals of notation, tonality, scales and modes, interval and triadic structure. Elementary characteristics of melodic form. Four-part writing in a homophonic style using triadic structures. Analysis of chorale style involving triads, seventh chords, modulation, nonharmonic tones. 3 Hrs.

MUSC 104 Theory and Composition II

Part writing in a homophonic style using triadic structures, seventh chords, nonharmonic tones, modulation, secondary chords and other chromatic harmonies. Prerequisite: Music 103. 3 Hrs.

MUSC 113 Sight-Singing and Ear Training I

Study and application of techniques of music reading and identification of sound. Course is completed at any time during the term when proficiency has been achieved. Grading is Pass/No Record. Prerequisite: Music 103. 1 Hr.

MUSC 114 Sight-Singing and Ear Training II

Continued study and application of techniques of music reading and identification of sound. Course is completed at any time during the term when proficiency has been achieved. Grading is Pass/No Record. Prerequisite: Music 113. 1 Hr.

MUSC 131, 132 Freshman Music Therapy Practicum I, II

Students who are freshmen in the music therapy program will work in the on-campus music therapy clinic observing, planning, conducting and evaluating music therapy sessions for children with various disabilities. Grading is Pass/Fail for all students enrolled. 1 Hr., 1 Hr.

MUSC 200 From Jazz to Rock ‘N Roll

A survey of blues, jazz and rock ’n’ roll from the turn of the century to 1968. Important artists/composers will be studied and representative examples of the music will be experienced. 3 Hrs.

MUSC 203 Theory and Composition III

Continuation of chromatic harmonies. Introduction to an analysis of small forms. A study of basic homophonic forms. Introduction to compositional techniques of the 20th century and possibilities of melodic, harmonic and tonal expansion. Analysis and written exercises. Prerequisite: Music 104. 3 Hrs.

MUSC 204 Theory and Composition IV

Introduction to 16th and 18th century counterpoint. Two-and three-voiced writing in contrapuntal and harmonic styles. Analysis and written exercises. Prerequisite: Music 203. 3 Hrs.

MUSC 207 Music in America

A survey of music and musical practices in the United States from colonial times to the present, with particular emphasis on those inherent qualities which have permeated America’s serious and popular music over the past three centuries. No musical background necessary. 3 Hrs.

MUSC 211 Music Therapy Methods and Materials for Children

Emphasis will be placed on selecting appropriate music therapy experiences for young children with special needs. Students will create, arrange and conduct appropriate music activities for children with various disabilities. Prerequisite: Music 217 and first year of theory. 3 Hrs.

MUSC 213 Sight-Singing and Ear Training III

Continued study and application of techniques of music reading and identification of sound. Course is completed at any time during the term when proficiency has been achieved. Grading is Pass/No Record for all students enrolled. Prerequisite: Music 114. 1 Hr.

MUSC 214 Sight-Singing and Ear Training IV

Continued study and application of techniques of music reading and identification of sound. Course is completed at any time during the term when proficiency has been achieved. Grading is Pass/No Record for all students enrolled. Prerequisite: Music 213. 1 Hr.

MUSC 215 Diction for Singers (English, Latin and Italian)

Two 50-minute periods weekly in which students are instructed in use of the International Phonetic Alphabet as well as the correct pronunciation of the English, Latin and Italian languages in relation to singing. Prerequisite: Previous vocal training or consent of the instructor. 1 Hr.

MUSC 216 Diction for Singers (French and German)

Two 50-minute periods weekly in which students are instructed in the correct pronunciation of the French and German languages in relation to singing. Prerequisite: Music 215. 1 Hr.

MUSC 217 Introduction to Music Therapy

An introductory course surveying the use of music therapy with individuals having various handicapping conditions including mental retardation, emotional disturbance, orthopedic handicaps, medical disorders, speech, hearing and visual impairments. Open to all students. 3 Hrs.

MUSC 230 Introduction to Teaching Music

Introduces students to a history of music education, philosophies, and curriculum development. Two class meetings per week. 1 Hr.

MUSC 231, 232 Sophomore Music Therapy Practicum III, IV

Further working experience in the on-campus Music Therapy Clinic. Students continue to apply training and skills gained from the introductory course and experienced in music therapy study. Required of all sophomore music therapy majors. Grading is Pass/Fail for all students enrolled. 1 Hr.

MUSC 310 Conducting

A course designed to develop conducting skills appropriate to the performance of instrumental and choral music. Basic skills covered include the negotiation of various patterns, preparatory beats, cues, releases, etc. Prerequisite: Music 214. 2 Hrs.

MUSC 311 Music Therapy Methods and Materials for Adults

Musical materials, methods and repertoire for adults will be emphasized. Students must learn a wide variety of songs from various decades which are appropriate for all adults, including geriatric clients. Prerequisite: Music 211 and completion of guitar is recommended. 3 Hrs.

MUSC 321 Music History and Literature I

An historical survey of music from ancient times to the end of the Baroque Era (1750). Designed to develop a perspective of the development of music in its social-cultural context, a repertory of representative works and composers, and a technique for listening analytically and critically. Required for music majors. Non-majors by permission only. Prerequisite Music 100. 3 Hrs.

MUSC 322 Music History and Literature II

Continuation of Music 321, covering the period from 1750 to the present. Required for music majors. Non-majors by permission only. 3 Hrs.

MUSC 324 Vocal Pedagogy I

Study of history and schools of vocal teaching and technique. Methods and procedures for teaching private and class voice. Vocal health and prevention/recognition of vocal abuse. Prerequisites: Permission of the instructor and one year of college-level vocal instruction. 2 Hrs.

MUSC 325 Vocal Pedagogy II and Literature

The study of diction, its application to teaching vocal technique; survey, evaluation, and examination of vocal literature for elementary and advanced students; supervise practice teaching within the class and observation of private voice teaching. Prerequisite: Successful completion of MUSC 324. 2 Hrs.

MUSC 331, 332 Junior Music Therapy Practicum V, VI

A continuation of working experience in the on-campus Music Therapy Clinic. Students now take a more responsible role in working with clients, and applying skills and training gained in upper level music therapy courses. Grading is Pass/Fail. 1 Hr.,1 Hr.

MUSC 341 String Laboratory

Two weekly sessions of 50 minutes each. Students will learn techniques of playing and teaching string instruments, including fretted instruments. 1 Hr.

MUSC 342 Wind Laboratory

Two weekly sessions of 50 minutes. Students will learn techniques of playing and teaching wind instruments. 1 Hr.

MUSC 343 Percussion Laboratory

Two weekly sessions of 50 minutes each. Students will learn techniques of playing and teaching percussion instruments. 1 Hr.

MUSC 350 Independent Studies in Music

Students who have shown a particular interest in some phase of music may pursue this interest under the guidance of an appointed faculty member. Prerequisite: Permission of the department, junior or senior standing, and at least a B average in all music studies taken at Queens College. 3 Hrs.

MUSC 355 Topics in Music History and Literature

An in-depth study of a specific musical era or genre. Significant developments, genres and composers will be studied from the social and cultural context. 3 Hrs.

MUSC 399 Half-Recital

The preparation and performance of a half-recital in the major instrument. A performance examination must be passed at least 30 days before the scheduled day of performance. See the Music Department Handbook for program/recording fee. Grading is Pass/No Record for all students enrolled. 1 Hr.

MUSC 400 Senior Recital

The preparation and performance of a full public solo recital in the major instrument. A performance examination must be passed at least 30 days before the scheduled day of performance. See the Music Department Handbook for program/recording fee. Grading is Pass/No Record for all students enrolled. Only Bachelor of Music performance majors may enroll in this course. 2 Hrs.

MUSC 401 Psychology of Music I

Music preference and ability are studied, along with physiological, cognitive and affective responses to music. Prerequisites: Psychology 201. To be taken in junior or senior year. Open to all students. 3 Hrs.

MUSC 402 Psychology of Music II

Study of observation systems and measurements as well as historical, philosophical, descriptive and experimental research related to music therapy. Prerequisite: Music 401. 3 Hrs.

MUSC 408 Composition

Creative expression in various music media based on a study of traditional and twentieth-century forms and techniques of composition; suitable compositions performed in workshop recitals. Admission by permission of the instructor. 3 Hrs.

MUSC 409 Music in Therapy I

The use of music therapy in clinical settings with psychiatric and geriatric clients. Assessment, behavioral objectives, treatment plans, documentation and evaluation, as well as treatment modalities and therapeutic techniques are discussed for each population. Must be taken concurrently with Music 411. Open to music therapy juniors and seniors. This course fulfills the writing-intensive course requirement for the Bachelor of Music degree in music therapy. 3 Hrs.

MUSC 410 Music in Therapy II

Continuation of Music in Therapy I with special emphasis on new trends and uses of music therapy in childbirth, general hospital settings, substance abuse and pain centers. Major therapeutic techniques are surveyed and discussed. The course concludes with a comprehensive review of medical, clinical and population terminology. Must be taken concurrently with Music 412. This course fulfills the writing-intensive course requirement for the Bachelor of Music degree in music therapy. Prerequisite: Music 409. 3 Hrs.

MUSC 413, 414 Piano Pedagogy and Literature I, II

For use in teaching the more advanced student; comprehensive survey of the literature of the piano, with discussion of musicianship; technique, theory and interpretation. Students concentrating in piano pedagogy should take Music 417, 418 concurrently. 2 Hrs., 2 Hrs.

MUSC 422 Choral Methods and Materials

A course designed to introduce the student to methods and materials involved in the performance of choral music on all levels. Topics include vocal production, choral diction, ensemble-singing, rehearsal techniques, as well as the overall management of a choral program. 2 Hrs.

MUSC 423 Instrumental Methods and Materials

A course designed to introduce the student to methods and materials involved in the performance of instrumental music at all levels. Topics include beginning band and orchestra methods, charting for marching band, rehearsal planning and preparation, selecting appropriate literature, as well as overall management of an instrumental program. 3 Hrs.

MUSC 425 Orchestration/Instrumental Arranging

A course involving the arranging of music for orchestra, band and small instrumental ensembles, with emphasis on the skills needed by music education students in working with elementary and secondary school instrumental groups. 2 Hrs.

MUSC 431, 432 Senior Music Therapy Practicum VII, VIII

Music therapy sessions conducted by music therapy seniors in a variety of human service agencies in the community. Special emphasis is given to adults, including psychiatric and geriatric clients. Must be taken concurrently with Music 409, 410. 2 Hrs., 2 Hrs.

MUSC 450 Laboratory in Non-Traditional Media

Directed studies in art forms utilizing unconventional media, ranging from kinetics, neon and multi-track recordings to more sophisticated electronic forms (videotape, synthesized sound, etc.). Class sessions include discussions of critical theory, group critiques and individual tutorial sessions. Prerequisites: upperclass standing; recommendation of departmental sponsor or for elective credit, instructor's permission. Can be repeated once for credit. 3 Hrs.

MUSC 455 Seminar in Applied Analysis

Independent study and analysis of compositional techniques and formal styles of compositions studied in music literature and applied music classes. This course fulfills the writing-intensive course requirement for the Bachelor of Arts degree or the Bachelor of Music degree in applied music. Prerequisite: Music 204 and Music 306 or 319. 3 Hrs.

MUSC 499 Professional Music Internship: Music Therapy

A six-month continuous full-time affiliation with an approved clinical facility which follows all course work. The intern will perform assigned music therapy duties under the supervision of an experienced registered music therapist. Open to music therapy majors who have completed all course work. Grading is Pass/Fail for all students enrolled. 2 hours minimum.

Applied Music

The designation for the individual instrument studies is indicated by the letter following the course number: (p) piano, (o) organ, (s) strings, (v) voice, (w) wind instrument, (g) guitar, (h) harp (z) other instruments.

Applied Music (for no credit). Students should register through the Queens Music Academy.

Private instruction. Piano, organ, strings, voice, guitar, harp or other instrument. The general aim of private instruction is development of all phases of performance: technique, style, musicianship, interpretation and repertoire. Assignments to instructors are made by the chairman of the department and students usually remain with the same instructor throughout the course of study. Students registered for two or three credits per term receive 60 minutes of individual instruction and group or workshop sessions scheduled by the instructor or department; students registered for one credit per term receive

30 minutes of individual instruction and a one-hour weekly group repertoire or workshop session. See fee schedule in section on costs. Credit received in applied music on the basis of Pass/No Record grading cannot be used toward major or minor concentrations in music.

MUSC 171, 181 Private Instruction in Applied Music

Private instruction at the freshman level for students majoring in music, music education or music therapy, or for a non-music major at the beginner level. 1, 2, 3 Hrs.

MUSC 271, 281 Private Instruction in Applied Music

Private instruction at the sophomore level for students majoring in music, music education or music therapy, or for a non-music major by permission. Prerequisite: MUSC 181 or permission of the instructor. 1, 2, 3 Hrs.

MUSC 371, 381 Private Instruction in Applied Music

Private instruction at the junior level for students majoring in music, music education or music therapy, or for a non-music major by permission. Prerequisite: MUSC 281 or permission of the instructor. 1, 2, 3 Hrs.

MUSC 471, 481 Private Instruction in Applied Music

Private instruction at the senior level for students majoring in music, music education or music therapy, or for a non-music major by permission. Prerequisite: MUSC 381 or permission of the instructor. 1, 2, 3 Hrs.

Music Classes

Credit hours gained in courses marked with an asterisk (*) may not be counted toward the 40-hour music concentration under the B.A. program in music.

***MUSC 157, 158 Piano Class I, II**

Two weekly session of 50 minutes in which students are provided basic instruction in piano. Music majors who have not passed piano proficiency are required to pass both sections before taking private applied piano. In preparation for proficiency, some experience at improvisation over simple chord progressions will be provided. Regular practice required. Music 157 is prerequisite to Music 158. 1 Hr., 1 Hr.

***MUSC 165, 166 Guitar Class**

One weekly session of 50 minutes in which students are instructed in the fundamentals of guitar playing. This course is specifically designed for the music therapy major who must pass a proficiency exam in this instrument before graduation. Music 165 is prerequisite to Music 166. 1 Hr., 1 Hr

***MUSC 175, 176 Voice Class**

Two weekly sessions of 50 minutes each, in which students with little or no vocal training are instructed in the basic vocal principles, simple exercises and songs; regular practice is required. Open to all students; recommended for music therapy majors who will not study voice as the principal applied area. Should be taken as early as possible in the program of study. 1 Hr.

MUSC 177, 178 Symphonic Band

This ensemble is open to all Queens College students by permission of instructor. Repertoire will include standard band literature with a concert scheduled each semester. This group will perform as a pep band, Royal Pride, for selected home basketball games and other campus events. Course may be repeated. 1 Hr., 1 Hr.

MUSC 179, 180 Orchestra

This ensemble is open to all Queens College students by permission of instructor. Repertoire will include literature for string orchestra with a concert scheduled each semester. May be repeated for credit. 1 Hr., 1 Hr.

MUSC 185, 186 Ensembles

(1) Small Ensemble: Accompanying or work, discussion and performance in chamber groups, sonatas, trios, quartets.

(2 Piano Ensemble: Study and performance of duet and two-piano literature with a member of the piano faculty.

(3) Wind Ensemble: Study and/or performance of literature for woodwind and brass instruments.

(4) Guitar Ensemble: Study and/or performance of ensemble music for guitar. Grading is Pass/Fail. Prerequisite: Permission of the instructor. 1 Hr., 1 Hr.

MUSC 187, 188 Queens College Chorale

The choral ensemble that performs for major college concerts on campus and several church worship services in the community. Open to all students who enjoy and are able to sing. Repertoire includes secular and sacred choral works from the fifteenth through the twentieth centuries. 1 Hr., 1 Hr.

MUSC 190, 191 Opera Workshop I

The preparation and performance of scenes from opera in a recital setting. 1, 2 or 3 Hrs.

MUSC 193, 194 Royal Showstoppers

This ensemble will work from standard repertoire and perform at campus and community events as needed for public relations and entertainment purposes to satisfy particular needs of the college. This course is an elective and does not count for ensemble credit for music majors. 1Hr., 1Hr.

MUSC 197, 198 Queens College Chamber Singers

A select chamber choral ensemble that performs for college and community functions. Admission by audition only; repertoire includes secular and sacred choral works designed for smaller, chamber groups from the fifteenth through the twentieth centuries. Co-requisite: Enrollment in the Queens College Chorale. 1 Hr.,1 Hr.

MUSC 390, 391 Opera Workshop II

The preparation and performance of scenes from opera in a recital setting as well as involvement in all phases of opera production. 1, 2 or 3 Hrs.

MUSC 395 Functional Piano Class I

Includes procedures and skills for proficiency in reading, harmonization and transposition at sight as well as experience in accompanying. Open to any student with sufficient background, but designed particularly for students majoring in music therapy. The class meets for two 50-minute sessions each week. Students may exempt this course by passing an examination. This course must be repeated until required skills are mastered. Prerequisite: Sufficient background in keyboard skills, as determined by the instructor. 1 Hr.

MUSC 396 **Functional Piano Class II**

A continuation of Music 395, this course is especially important to the music therapy student. Special emphasis is placed on creativity and improvisation, including the ability to compose original melodies, accompaniments and short pieces extemporaneously in a variety of moods and styles, vocally and instrumentally. A proficiency exam is given at the end of Music 396. 1 Hr.

Concert Attendance

Regulations regarding events and their validations as well as the number of concerts and recitals required for adult and transfer students are contained in the annual music-student handbook.

MUSC 10, 11 **Concert Attendance for Freshmen**

Freshmen are required to attend six recitals or concerts on the Queens campus in each of both the fall and spring terms. Grading is Pass/No Record. 0 Hrs., 0 Hrs.

MUSC 20, 21 **Concert Attendance for Sophomores**

Sophomores are required to attend six recitals or concerts on the Queens campus in each of both the fall and spring terms. Grading is Pass/No Record. 0 Hrs., 0 Hrs.

MUSC 30, 31 **Concert Attendance for Juniors**

Juniors are required to attend six recitals or concerts on the Queens campus in each of both the fall and spring terms. Grading is Pass/No Record. 0 Hrs., 0 Hrs.

MUSC 40, 41 **Concert Attendance for Seniors**

Seniors are required to attend six recitals or concerts on the Queens campus in each of both the fall and spring terms. Grading is Pass/No Record. 0 Hrs., 0 Hrs.

NURSING

The James D. Vail III Bachelor of Science of Nursing program is accredited by the National League for Nursing Accrediting Commission. This four-year baccalaureate degree program provides opportunities for the development of the professional nurse through courses in the CORE Program in the Liberal Arts; social, behavioral and natural sciences; fine arts; and nursing.

High priority is given to academic excellence and clinical experience. Major emphasis is placed on clinical nursing practice in combination with classroom and laboratory instruction. Selected clinical experiences begin in the second year and progress throughout the program.

Students with a variety of backgrounds may be accommodated within the program. Students pursuing nursing for the first time, those with some nursing background and those already licensed to practice nursing (RNs) may all enter the Bachelor of Science in Nursing program.

The program provides an atmosphere in which the individual can develop a personal and professional value system. Pre-licensure graduates are eligible to apply to take the National Council Licensure Examination for Registered Nursing (NCLEX-RN). All graduates are prepared to practice professional nursing in a variety of settings and specialties. The curriculum prepares students for graduate studies in nursing.

Clinical course enrollment. The faculty of the Vail Program of Nursing have an academic, legal and ethical responsibility to protect the public and the health care community from unsafe and/or unprofessional nursing practice. It is within this context that prior to beginning each clinical experience, the student must meet clinical course prerequisites as outlined in the Nursing Student Handbook.

Admission to the major. Admission to Queens College does not guarantee admission to the nursing major. Acceptance to the nursing major is competitive and selective. Acceptance is based on a Queens cumulative grade point average and a prerequisite course grade point average of 2.500 (including all 200-level nursing courses),and at least a C– in the theory and lab components of all prerequisite courses. When the number of qualified student applicants exceeds the number that can be admitted, the amount of coursework taken at Queens will take on increased significance.

All students must make formal application to the nursing program during or following the semester in which all required prerequisite courses are completed. Application requirements include:

1. Non-refundable application fee.
2. Prerequisite check list with supporting transcripts.
3. Record of high school graduation, high school equivalent or earned credits from an approved post-secondary institution.

Students can receive specific information about clinical course requirements, admission and an application from their nursing advisor.

Acceptance into the nursing major must be obtained prior to the 300-level nursing courses for pre-licensure students and prior to the 400-level nursing courses for the RN students. The Nursing Student Qualifications Committee (NSQC-U) reviews applications and special requests at specified times during the year and notifies students of committee decisions in a timely manner.

Degree requirements. Candidates for the Bachelor of Science in Nursing degree are required to fulfill all College of Arts and Sciences graduation requirements as well as the requirements for the nursing major. Any request for exceptions to the outlined nursing major requirements are to be sent in writing to the chair of the NSQC-U. In order to graduate with a degree in nursing, a student must earn at least a C– in all the required courses listed below.

Requirements for the nursing major for pre-licensure students are:

Prerequisite courses to the major:

PSYC 201	Introduction to Psychology
PSYC 304	Abnormal Psychology
NURS 201	Intro to Professional Nursing
NURS 202	Health Assessment
NURS 203	Intro to Clinical Nursing
NURS 204	Pharmacology
NURS 205	Nutrition

Plus: Health/Sciences Concentration (prerequisite to the major)

BIOL 111 & lab	Human Anatomy
BIOL 112	Human Physiology
BIOL 120	Introduction to Medical Microbiology
or	
PSYC 201	General Psychology
CHEM 101 & lab	General Chemistry I
CHEM 102 & lab	General Chemistry II

Additional required courses for the major:

MATH 206	Statistical Methods
PSYC 320	Developmental Psychology

Nursing major courses for pre-licensure students:

NURS 303	Adult Nursing
NURS 307	Mental Health Nursing
NURS 315	Parent-Child Nursing
NURS 400	Nursing Research
NURS 401	Management in Nursing
NURS 402	Community Health Nursing
NURS 452	Nursing Perspectives
NURS 498	Nursing Internship I
NURS 499	Nursing Internship II

Requirements for the nursing major for registered nurse students are:

Prerequisite courses to the major:

PSYC 201	Introduction to Psychology
PSYC 304	Abnormal Psychology
PSYC 320	Developmental Psychology
NURS 201	Intro to Professional Nursing
NURS 202	Health Assessment
NURS 203	Intro to Clinical Nursing
NURS 204	Pharmacology
NURS 205	Nutrition
NURS 300	Nursing: A Practice Discipline

Plus: Health/Sciences Concentration (prerequisite to the major)

BIOL 111 & lab	Human Anatomy
BIOL 112	Human Physiology
BIOL 120	Introduction to Medical Microbiology
or	
PSYC 201	General Psychology
CHEM 101 & lab	General Chemistry I
CHEM 102 & lab	General Chemistry II

Additional required courses for the major:

MATH 206	Statistical Methods

Nursing major courses for registered nurse students:

NURS 400	Nursing Research
NURS 401	Management in Nursing
NURS 402	Community Health Nursing
NURS 442	Complex Nursing Situations
NURS 452	Nursing Perspectives

Information for registered nurses. The nursing major at Queens offers a curriculum designed to accommodate the career advancement and the diverse learning needs of RNs. The length of the program will depend upon prior academic preparation and individual scheduling. As with pre-licensure students, all RNs must make formal application to the nursing major after being accepted into Queens College. In addition to meeting the same admission and degree requirements of pre-licensure students, RN requirements include:

1. Copy of current, unrestricted license to practice as an RN in North Carolina.
2. Evidence of current work experience or successful completion of validation examinations.

Specific guidelines for the application process are available through the Vail Program of Nursing.

NURS 201 Introduction to Professional Nursing

This non-clinical course introduces the student to professional nursing. This practice discipline is examined using concepts relevant to nursing. 3 Hrs.

NURS 202 Health Assessment

This course focuses on the holistic assessment of healthy individuals. Selected experiences enable students to integrate knowledge and skills including observation, interview and physical examination. Prerequisite: Biology 111 and Biology 111 lab. 3 Hrs.

NURS 203 Introduction to Clinical Nursing

This introductory clinical course focuses on the nursing process through selected theoretical and nursing skills. Clinical experiences provide opportunities for students to practice beginning nursing skills. Fee: $10. Prerequisite/Co-requisite: Nursing 201 and Nursing 202. 4 Hrs.

NURS 204 Pharmacology

This foundational course focuses on classifications, physiological actions, adverse effects and responses to medication therapy. Prerequisite/Corequisite: Biology 112 or permission of the instructor. 3 Hrs.

NURS 205 Nutrition

This course includes the basic principles of human nutrition as it applies to all life cycle stages with emphasis on nutrients and their utilization in the human body. Food patterns, availability, acceptability and safety are stressed as they relate to individuals and population groups. Open to all students. 3 Hrs.

NURS 260 Directed Study in Nursing

This directed study is designed to encourage students to study a nursing topic of interest to the student and the profession. Contract objectives will be developed in consultation with a nursing faculty who will serve as mentor for the project. 1 or 2 Hrs.

NURS 300 Nursing: A Practice Discipline

This non-clinical course focuses on the discipline of professional nursing. Concepts relevant to nursing are explored. Health assessment skills are enhanced. Prerequisite: Registered Nurse student ready to apply to the major or permission of instructor. 4 Hrs.

NURS 303 Adult Nursing

This course focuses on utilization of the nursing process in the care of adults with alterations in health status. Course content includes etiology, pathophysiology, collaborative and nursing management of common illness. Clinical practice takes place primarily in acute care setting. Fee: $10. Prerequisite: Acceptance to the nursing major. 9 Hrs.

NURS 307 Mental Health Nursing

This course examines the nursing care of persons with mental, emotional, or psychiatric disorders. Students utilize the nursing process in caring for clients in both inpatient and outpatient mental health settings. Prerequisites: Acceptance to nursing major and Psychology 304. 4 Hrs.

NURS 315 Parent-Child Nursing

This course focuses on utilization of the nursing process in the care of childbearing/ childrearing familes. Course content includes health promotion, disease prevention and illness management. Clinical practice takes place in a variety of settings. Lab fee: $10. Prerequisite: Nursing 303. Prerequisite/co-requisite: Psychology 320. 9 Hrs.

NURS 360 Topics in Nursing

This course is designed to investigate a current topic or specialized area of nursing. The topics will vary from term to term and will provide the student with an opportunity to study a topic that is not offered on a regular basis in the curriculum. Open to all students. 3 Hrs.

NURS 400 Nursing Research

In this writing-intensive course, students examine the research process through critical appraisal of existing nursing research. Analysis of previous studies guides teams of students in designing research projects aimed at the resolution of identified clinical nursing problems. Emphasis is on utilization of research findings to establish evidence-based nursing intervention. Co-requisite/Prerequisite: Mathematics 206. 3 Hrs.

NURS 401 Management in Nursing

This course emphasizes management theory in health care delivery. Principles of management and changes within the health care system are related to nursing practice. Prerequisites: All 300-level nursing courses, or permission of the instructor. 3 Hrs.

NURS 402 Community Health Nursing

This course examines nursing as part of the larger health care delivery system. Emphasis is on identification of health and health promotion needs of families and communities. Demographic and epidemiological data are explored to identify populations at risk. Prerequisite: All requisite 300-level nursing courses. 6 Hrs.

NURS 442 Complex Nursing Situations

This clinical course focuses on analysis and synthesis of concepts from nursing and the physical, social and behavioral sciences. Students refine, broaden and expand their perspectives of nursing practice. Prerequisite: Registered Nurse, Nursing 402. Prerequisite/Corequisite: Nursing 401. 6 Hrs.

NURS 452 Nursing Perspectives

Current trends and issues in professional nursing are explored. Projections of nursing for the future are made in light of historical bases and current trends. Prerequisite: Senior-level nursing status. 2 Hrs.

NURS 460 Independent Study in Nursing

Independent investigation of a selected topic in nursing is accomplished through faculty mentorship. Directed readings culminate in a scholarly paper. May be repeated for credit. 1, 2, 3 Hrs.

NURS 498 Nursing Internship I

This clinical internship focuses on the application of concepts from nursing and the physical, social and behavioral sciences to the clinical setting. This course fulfills the college internship requirement. Fee: $10. Prerequisite: Nursing 315. Prerequisite/corequisite Nursing 401. 4 Hrs.

NURS 499 Nursing Internship II

In this clinical internship course, students continue to refine, broaden and expand their perspectives of professional nursing practice. This course completes the college internship requirement. Fee: $10. Prerequisite: Nursing 498. 2–4 Hrs.

PHILOSOPHY

The academic study of philosophy engages students in a comprehensive and critical investigation of pervasive cultural beliefs, such as freedom, truth, God and justice. Emphasis is given to careful method, as well as the history of Western philosophy.

Writing-intensive course requirement. The writing-intensive course requirement is met with Philosophy 350 or Religion 350.

Requirements for the B.A. degree with a philosophy/religion major are:

Core:

PHIL 203	Introduction to Philosophy
PHIL 204	Introductory Logic
RELG 210	Introduction to World Religions
RELG 205*	The Old Testament
or	
RELG 206*	The New Testament
PHIL 350*	Directed Studies in Philosophy
or	
RELG 350*	Directed Readings

Plus 6 courses chosen from:

(Some courses may have prerequisites or permission of the instructor may be necessary)

ART 345	Art and Religion in the West
ENGL 460	Studies in Literature and Criticism
PHIL 220	Philosophy of Religion
PHIL 304	Contemporary Western Philosophy
PHIL 305	Medical Ethics
PHIL 330	Ancient & Medieval Western Philosophy
PHIL 349	Topics in Philosophy
PHIL 350	Directed Studies in Philosophy
PHIL 355	American Philosophy
POLS 335	Social and Political Thought
RELG 205	The Old Testament
RELG 206	The New Testament
RELG 306	Prophetic Religion
RELG 310	The Book of Revelation and Apocalyptic Thought
RELG 344	Christian Ethics
HIST 306	Renaissance and Reformation
or	
RELG 323	Renaissance and Reformation
HIST 345	Religion in America
or	
RELG 345	Religion in America
RELG 349	Topics in Religion
RELG 350	Directed Readings

*Courses not taken in the core may be taken as one of the six elective courses

Plus philosophy/religion majors complete a concentration which has been approved by the philosophy and religion advisor.

PHIL 203 **Introduction to Philosophy**

Introductory study of the perennial questions of philosophy and the various methods by which philosophy has tried to answer them. 3 Hrs.

PHIL 204 **Introductory Logic**

A study of the major forms of reasoning—deductive, inductive and explanatory—used in everyday life, science and philosophy. Attention will be given to the use of logical techniques in problem-solving. 3 Hrs.

PHIL 220 **Philosophy of Religion**

An introduction to some central problems in the philosophy of religion—the nature of religious experience, religious knowledge, God, secularity and the relationship of religion and morality. The aim of the course is to understand these important issues through careful, comprehensive criticism. Students may elect this course as Religion 220. This course fulfills the writing-intensive course requirement. Prerequisite: Philosophy 203 or Religion 210 are strongly recommended. 3 Hrs.

PHIL 304 **Contemporary Western Philosophy**

An investigation of major European and American philosophers of the 19th and 20th centuries, beginning with the existentialist thought of Kierkegaard and Nietzsche. The course will explore reactions to Enlightenment thought, with emphasis on analytic philosophy and existentialism. Prerequisite: Philosophy 203 or consent of the instructor. 3 Hrs.

PHIL 305 **Medical Ethics**

An investigation of the major ethical dilemmas arising with the life sciences. The course intends to assist students to identify, analyze and decide ethical issues in such a way that they can defend their positions to themselves and to others. Some of the issues to be investigated are abortion, death and dying, patient rights and justice in the allocation of medical resources. 3 Hrs.

PHIL 330 **Ancient and Medieval Western Philosophy**

An historical and conceptual investigation of the major texts of the Pre-Socratics, Plato, Aristotle and selected medieval thinkers, such as Augustine, Anselm, Abelard, Aquinas and William of Ockham. Prerequisite: Philosophy 203 or consent of the instructor. 3 Hrs.

PHIL 349 **Topics in Philosophy**

Concentrated study of a particular person, movement or issue in philosophy. Topics as proposed will be chosen by the department and approved by the Educational Programs and Curriculum Committee to supplement regular offerings and to cover specialized problems. Course may be repeated for credit with different subtitles. Prerequisite: Philosophy 203 or consent of the instructor. 1–3 Hrs.

PHIL 350 **Directed Studies in Philosophy**

Faculty-supervised study of an approved topic in philosophy through selected readings. To be evaluated through a weekly meeting with the instructor and a comprehensive paper. May be repeated once for credit. Open to majors in the junior or senior year, with permission of the department. 1–3 Hrs.

PHIL 355 **American Philosophy**

An historical and conceptual investigation of the classic American philosophers, Peirce, James, Santayana and Dewey, with attention given their precursors, such as Emerson; contemporaries, such as Royce, Mead; and successors, such as Lewis and Quine. Prerequisite: Sophomore standing. Prerequisite: Philosophy 203 or consent of the instructor. 3 Hrs.

PHYSICAL EDUCATION

The physical education program provides an instructional base in selected lifetime leisure and sports skills. Students are encouraged to accept the responsibility for their own well-being by developing the knowledge, skills and attitudes necessary in achieving their optimum level of physical fitness and satisfaction.

The physical education requirement may be met by any two courses; all physical education courses are graded on a Pass/No Record basis. A student may enroll in any number of physical education courses, but only four hours of physical education credit may be counted toward the 122 hours required for a bachelor's degree. The required two hours should be completed by the end of sophomore year. Participation in varsity sports does not satisfy the physical education graduation requirement. Non-swimmers are encouraged to take PE 151, Beginning Swimming, in the fall semester of freshman year. All students are encouraged to take additional courses beyond those which are required.

PHED 121 Beginning Tennis

Fundamental skills of tennis (forehand, backhand, serve); emphasis on development of strokes; course for the beginner. 1 Hr.

PHED 123 Advanced Beginning Tennis

Emphasis on strengthening fundamental skills. Designed for the student who has had some experience with tennis or a course in beginning tennis; singles and doubles competition in the class. 1 Hr.

PHED 125 Intermediate Tennis

Emphasis on improving fundamental skills, advanced strokes and techniques; singles and doubles competition within the class. May be repeated for credit. 1 Hr.

PHED 131 Beginning Modern Dance

An introduction to the basic principles of rhythm, design and dynamics in modern dance; concentration on movement techniques, improvisation and dance composition. 1 Hr.

PHED 132 Intermediate Modern Dance

Continuation of Physical Education 131, emphasizing comprehensive study of movement techniques as applied to dance composition and improvisation. 1 Hr.

PHED 134 Dance Production

Experience in the production of a dance program. Admission only by permission of instructor. May be repeated for credit. 1 Hr.

PHED 135 Folk and Square Dance

Recreational activity class in folk dance and both traditional and modern square dance. Experience in instruction for students who plan to work in elementary education, recreation and related fields. 1 Hr.

PHED 136 Ballet I

Introduction to classical ballet. May be repeated for credit. 1 Hr.

PHED 137 Body Dynamics

Principles of physical conditioning and its application to everyday living; activities for improving fitness. May be repeated for credit. 1 Hr.

PHED 138 Heart Health and CPR

A course designed to combine the study of heart health, CPR certification and aerobic exercise. 1 Hr.

PHED 141 **Weight Training and Conditioning**

Principles of weight training and conditioning and their application to everyday living. Includes basic weight training skills and activities for improving fitness. Body building and power lifting will be introduced. May be repeated for credit. 1 Hr.

PHED 142 **Aerobic Exercise**

Principles of physical conditioning and fitness applied to low-impact aerobic exercise. The science of exercise will be explored prior to the daily workouts. Topics studied will include strength, flexibility, cardiorespiratory endurance, and muscular endurance. Students will learn a self monitoring index which can be applied to the individual's training. 1 Hr.

PHED 151 **Beginning and Advanced Beginning Swimming**

For the non-swimmer and beginner; basic safety skills, front crawl and elementary backstroke; opportunity to earn Red Cross certificates. 1 Hr.

PHED 153 **Intermediate Swimming**

Elementary back, front crawl, breast, side and back crawl strokes, safety skills; opportunity to earn Red Cross certificate. 1 Hr.

PHED 155 **Synchronized Swimming**

Strokes, stunts and skills, beginning through advanced. Creative experience in solo, duet and team routines. Prerequisite: Intermediate or higher swimming level. May be repeated for credit. 1 Hr.

PHED 158 **Water Safety Instructor's Course**

Increased knowledge, judgment and teaching skill for training others to swim; Red Cross certificate. Only 1 Hr. counts toward the P.E. and graduation requirement. Fee: approximately $25. 2 Hrs.

PHED 159 **Lifeguard Training: Basic Water Safety and Emergency Water Safety**

In-depth study and practice of the skills and knowledge required for an individual to properly assume the responsibilities of a lifeguard at a swimming pool or a protected open-water beach. Emphasis is placed on the concern for the safety of others. Red Cross certification. Also includes Red Cross Basic First Aid and CPR certification. Prerequisites: Swim 500 yds. continuously using crawl, breaststroke, elementary backstroke and sidestroke; surface dive to a minimum depth of 5 feet and swim underwater for a minimum of 15 yards; and tread water for one minute. Fee: approximately $25. 1 Hr.

PHED 161 **Beginning Golf**

Fundamentals of golf for those who have little or no golf skill; grip, stance, club selection, etiquette and rules. Approximately one-fifth of class time is dedicated to actual play. Fee: approximately $25. 1 Hr.

PHED 169 **Topics in Physical Education**

This course provides an opportunity for study of various topics in the field of physical education which are not offered on a regular basis. The topics for the course will vary from term to term. May be repeated with different subtitles. No more than one hour may count towards the physical education requirement. 1, 2, or 3 Hrs.

PHED 171 **Riding**

Instruction offered at three levels: beginner, intermediate and advanced; qualified students may hunt by arrangement. Fee: $185. May be repeated for credit. 1 Hr.

PHED 180 Water Aerobics

Comprehensive physical fitness program performed in the water. Non-impact aerobics, strength, flexibility, cardio-respiratory endurance, muscular endurance achieved by using water as the resistance. Swimming skills not necessary since the participant can maintain a position in the shallow end of the pool without submerging head. Ideal course for the physically impaired as well as the exercise enthusiast, since the work can be individualized. May be repeated for credit. 1 Hr.

PHED 181 Indoor Soccer/ Basketball

Principles, skills, tactics and strategy for both soccer and basketball. Includes lecture, skill practice, play and skills-testing for both sports. One-half semester devoted to each. May be repeated for credit. 1 Hr.

PHED 182 Indoor/Outdoor Volleyball

Course teaches fundamental skills, rules, regulations and simple strategies for both indoor and outdoor volleyball and to help the student develop an appreciation for this lifetime sport. May be repeated for credit. 1 Hr.

PHED 190 Care and Prevention of Athletic Injuries

General introduction to the basic principles of athletic training. Students will learn how to recognize and care for athletic injuries and how to prevent future injuries. The course will cover topics in basic anatomy and physiology, prevention of injuries and illness, evaluation of injuries, initial first aid treatment, taping and strapping techniques and basic record keeping procedures. No more than one hour of credit may count toward the physical education graduation requirement. 3 Hrs.

PHYSICS

Natural science requirement. The natural science requirement is met with Physics 101.

PHYS 101, 102 General Physics

Beginning course in physics covering the fundamental principles of mechanics, heat, sound, light, electricity and magnetism, and atomic physics. Prerequisites: Elementary algebra and plane geometry; Physics 101 is prerequisite to Physics 102. Three hours lecture and three hours laboratory each week. 4 Hrs., 4 Hrs.

POLITICAL SCIENCE

The major emphasizes the empirical, analytical, comparative and normative investigation of political issues and systems in the world. Attention given to critical thinking, research and writing skills. Introductory courses present basic ideas, issues and concepts of political science. Upper-level courses provide in-depth investigation of introductory material and focus on specialized areas.

Careers. A major in political science provides a basis for graduate study in all the subfields of the discipline and a foundation for careers in government, politics, law, journalism, teaching or any of the many areas in which a liberal arts background is desirable.

Writing-intensive course requirement. The writing-intensive course requirement is met with one course chosen from Political Science 250, 301, 306, 308, 313, or 460.

Requirements for a B.A. degree with a political science major are:

Core:

POLS 201	Introduction to American Politics
POLS 250	Introduction to Comparative Politics
POLS 270	Introduction to World Politics
POLS 299	Experiential Learning in Political Science
POLS 335	Social and Political Thought
POLS 460	Major Issues in Politics
ECON 203	Macroeconomics

Plus complete a track:

American Political Studies Track

Choose three courses from:

POLS 309	Campaigns and Elections
POLS 313	Constitutional Law and the Judicial System
POLS 315	Congress and the Presidency
POLS 320	Ethnic, Race, and Gender Politics
POLS 326	Contemporary American Foreign Policy
POLS 340	Environmental Politics
HIST 341	The Civil Rights Movement in America

Comparative Political Studies

Choose three of the following:

POLS 301	European Politics
POLS 303	Latin American Politics
POLS 305	China, Japan, Korea
POLS 306	Politics of Developing Countries
POLS 425	Contemporary Chinese Politics
HIST 309	Contemporary Europe
HIST 361	Ideas and Values in conflict in History

Plus:

Choose two Political Science courses from American Political Studies track.

Plus:

One course at or above the 300 level in Economics, History, Psychology, or Philosophy

POLS 101 Contemporary Political Questions

This course provides an introduction to the basic questions and approaches to the study of politics. It examines basic concepts and ideas of political discourse such as power, security, legitimacy, leadership, social structure, inequality, political institutions, and collective action. A central question of the course will be: "What is the best political society?" Case studies, novels, and videos will be used to relate concepts and ideas to current political issues. 3 Hrs.

POLS 201 American Politics

Origins and development of the constitution and the federal system; introduction to the presidency, Congress, Supreme Court; political parties and pressure groups as actors in politics; conservatism and liberalism as motivating philosophies. 3 Hrs.

POLS 250 Introduction to Comparative Politics

Introduction to the comparative study of politics. Examines the nature of contemporary political systems and explanations for how and why they vary. Examines the historical process of political change and development as well as country-specific political institutions, practices and policies. This course fulfills the writing-intensive course requirement. 3 Hrs.

POLS 270 Introduction to World Politics

Introduction to the behavior of nation-states in the contemporary world system; examination of concepts and problems regarding security, international organizations and human rights. Economics 203 recommended. 3 Hrs.

POLS 299 Experiential Learning in Political Science

This course will offer students an opportunity for practical learning experience by participating in an experiential activity related to their study of political science. Possible activities include the Model United Nations, Moot Court, Mock Legislature, and research projects supervised by the political science faculty. Students will be required to take examinations and do other tasks in preparation for the experiential activity and write a paper after the activity summarizing their participation and what they learned from it. At least two hours of this course will be required of all political science majors. To meet the requirement for the political science major, the course must be taken for a grade. The course can be taken on a Pass/No Record basis in all other cases. This course will be offered every fall and spring semester. Course may be repeated for additional credit up to 4 hours. 1 Hrs.

POLS 300 Current Topics in Political Science

The study of selected approaches to the study of political activity or specialized topics of contemporary political science research. Possible topics include political psychology, political economics and political fiction. Topics to be announced the term prior to offering. 3 Hrs.

POLS 301 European Politics

Comparative analysis of political culture, institutions and behavior in selected modern European nations; emphasis on the United Kingdom, France, Germany and Italy. Examination of the role of the European Union in shaping modern Europe. This course fulfills the writing-intensive course requirement. Prerequisite: Political Science 250 or permission of instructor. 3 Hrs.

POLS 303 Latin American Politics

This course introduces students to contemporary political conditions in Latin America and examines major theoretical explanations for political and economic development in the region. The course will focus on issues such as the emergence of democratic rule, efforts to create political stability, and how issues such as poverty and development affects the political process in the region. Country emphasis will vary. Prerequisite: Political Science 250 or permission of the instructor. 3 Hrs.

POLS 305 China, Japan and Korea

Introduction to the contemporary politics and societies of China, Japan and the Koreas. Emphasis on their historical development, political-economy and role in regional and international system. Prerequisite: Politic Science 250 or permission of instructor. 3 Hrs.

POLS 306 Politics of Developing Countries

Introduction to the processes of political development and change, and to problems confronting developmental efforts of an emerging nation; emphasis on selected African, Asian and Latin American nations. This course fulfills the writing-intensive course requirement. Prerequisite: Political Science 250 or permission of instructor. 3 Hrs.

POLS 309 Campaigns and Elections

This course will focus on the procedures of campaigns and elections, past and present. It will examine the various parts of an election campaign – money, organization, strategy, use of the media – in order to gain a better understanding of how modern cam-paigns are run and differ from campaigns in the past. Case studies will be utilized to illustrate key concepts and ideas. The course will be taught in the fall of even-numbered years and focus on the congressional and/or presidential campaigns in progress as the course is taught. Prerequisite: Political Science 201 or permission of the instructor. 3 Hrs.

POLS 313 Constitutional Law and the Judicial System

Examines major decision by the United States Supreme Court in areas of legislative and executive power, commerce, civil rights and civil liberties. Examines the structure and function of the American court system, its relationship to the political process, the basis for legal argument and judicial decision-making. Preparation in moot court exercises required. This course fulfills the writing-intensive course requirement. Prerequisite: Political Science 201 and sophomore standing or permission of the instructor. 3 Hrs.

POLS 315 Congress and the Presidency

Examination of the structures, functions and politics of the United States Congress and the Presidency including the electoral process, conflicts in decision-making, and policy outcomes. Prerequisite: Political Science 201 or permission of instructor. 3 Hrs.

POLS 320 Ethnic, Minority and Gender Politics

An examination of the struggle for political, social, and economic rights on the part of ethnic minorities, religious minorities, and women in America. Focus is on political struggles, past discrimination, and present inequalities. A central question of the course looks at the extent to which opportunities for success are available to all groups. Groups examined include African-Americans, Latinos, Asians, Native Americans, Jews, and women. 3 Hrs.

POLS 326 Contemporary American Foreign Policy

Analysis of the role of the United States in contemporary world politics; emphasis upon the nature of the foreign policy-making process and the rationale, content and impact of contemporary American international action and policies. Prerequisite: Political Science 201 or permission of instructor. 3 Hrs.

POLS 335 Social and Political Thought

Examination, comparison and evaluation of major past and contemporary political thinkers, their ideas and impact upon society. Prerequisite: Sophomore standing or permission of the instructor. 3 Hrs.

POLS 340 Environmental Politics

This course examines key issues in the area of environmental protection, focusing on how political actors make decisions about environmental policy. A look at the historical evolution of environmental issues, the extent of an environmental "crisis" and related moral and ethical questions. Topics include population growth, land and water protection, air quality (including ozone depletion and the greenhouse effect), the protection of animal life, and the disposal of regular, toxic and nuclear waste. 3 Hrs.

POLS 350 Directed Study

Investigation of a specialized topic in political science through research, special instruction and assigned readings. A paper and oral or written examination by staff are required. Prerequisite: Approval of department. 1, 2, or 3 Hrs.

POLS 425 Contemporary Chinese Politics

Analysis of the domestic and foreign politics of the People's Republic of China. Emphasis on modernization and political change. Prerequisite: Political Science 250 or permission of instructor. 3 Hrs.

POLS 450 Independent Study

Opportunity for independent investigation of a topic by means of a thesis or a program of directed readings; oral examination by department members. Open to seniors with permission of the department. 1, 2, or 3 Hrs.

POLS 460 Major Issues in Politics

In-depth examination of a major issue through readings, major writing assignments and class discussion. Topics vary based on faculty and student interest. Possible topics include democracy, nationalism, religion and politics, women in politics, revolution, development, the world system, environmental law, international political economy, state, and society. Prerequisite: Junior standing, 12 credit hours in political science, or permission of the instructor. 3 Hrs.

PSYCHOLOGY

The department emphasizes the development of an understanding of factors important in determining behavior. Introductory courses present basic psychological principles; upper-level courses provide opportunities for further work in areas of special interest. Independent study allows the student to design and carry out original research. Internships in community settings enable the student to make practical application of psychological principles.

Careers. A major in psychology provides a basis for graduate study in areas of psychology, education, social sciences, social work and law as well as a foundation for careers in personnel, social work, mental health and similar areas.

Writing-intensive course requirement. The writing-intensive course requirement is met with Psychology 306.

Requirements for the B.A. degree with a psychology major are:

Core:

PSYC 201	General Psychology
PSYC 303	Social Psychology
PSYC 306	Experimental Methods
PSYC 306L	Laboratory in Experimental Psychology
PSYC 314	Psychology of Learning
PSYC 400	Advanced General Psychology I
PSYC 401	Advanced General Psychology II
MATH 206	Statistical Methods

Choose 16 additional hours from the following courses—as approved by the major advisor.

PSYC 302	Psychology of Personality
PSYC 303L	Experimental Social Psychology
PSYC 304	Abnormal Psychology
PSYC 305	Introduction to Counseling
PSYC 308	The Exceptional Child
PSYC 311	Psychological Tests
PSYC 312	Sensation and Perception
PSYC 315	Laboratory in Conditioning and Learning
PSYC 316	Cognitive Psychology
PSYC 320	Developmental Psychology
PSYC 330	Psychology of Adulthood and Aging
PSYC 352	Topics in Psychology
PSYC 412	Physiological Psychology
PSYC 421	Organizational Psychology
PSYC 449,450	Independent Research
PSYC 452	Directed Readings in Psychology

Prerequisite. Psychology 201 is prerequisite to all psychology courses.

PSYC 201 **General Psychology**

Survey of the field of psychology emphasizing the results of scientific investigations in the area of behavior. 3 Hrs.

PSYC 302 **Psychology of Personality**

Survey of selected theories of personality and principles of personality development. 3 Hrs.

PSYC 303 **Social Psychology**

Study of the behavior of the individual in society, including attitude formation and measurement, interpersonal perception and the behavior of the individual in groups. Students may elect this course as Sociology 303. 3 Hrs.

PSYC 303L **Experimental Social Psychology**

Application of experimental methods to problems of social psychology such as attitude change, conformity and leadership. Special problems of research design and techniques peculiar to the area of social psychology are considered. Prerequisite: Psychology 303. Three hours laboratory per week. 1 Hr.

PSYC 304 **Abnormal Psychology**

Study of the deviant individual from both the dynamic and behavioral viewpoints. The diagnosis, etiology, treatment and prevention of maladaptive behavior are considered. 3 Hrs.

PSYC 305 **Introduction to Counseling**

An introduction to various theories of behavior change, including dynamic, behavioral, cognitive, humanistic and existential approaches to therapy. Individual, group and family therapies will be discussed. Prerequisite: Psychology 302 or 304. 3 Hrs.

PSYC 306 **Experimental Methods in Psychology**

Application of experimental methods to problems in perception, learning and social behavior. Principles of research, including experimental design, uses of apparatus, and procedural and statistical control are considered. This course fulfills the writing-intensive course requirement. Prerequisite: Mathematics 206. This course must be taken concurrently with Psychology 306L. 3 Hrs.

PSYC 306L **Laboratory in Experimental Psychology**

Study of techniques and procedures of psychological research and conducting of experiments in learning, perception, sensory processes, motivation and social behavior. Three hours laboratory per week. This course must be taken concurrently with Psychology 306. 1 Hr.

PSYC 308 **The Exceptional Child**

Study of the psychological problems of children who deviate from normative patterns of growth and development. Prerequisite: Psychology 320 or permission of the instructor. 3 Hrs.

PSYC 311 **Psychological Tests**

Introductory study of principles of test evaluation and interpretation and consideration of examples of the major types of psychological tests in reference to these principles. Prerequisite: Mathematics 206. 3 Hrs.

PSYC 312 **Sensation and Perception**

An introduction to the processes by which humans receive and interpret information from the environment. Sensory coding, information processing, perceptual development, perceptual illusions and psychophysical methods are among the topics discussed. 3 Hrs.

PSYC 314 **Psychology of Learning**

Survey of empirical findings on respondent and operant conditioning, and on human verbal learning, with consideration of research methods and design; critical examination of historical and contemporary learning theory. 3 Hrs.

PSYC 315 **Laboratory in Conditioning and Learning**

Conducting experiments in respondent and operant conditioning and in human verbal learning. Prerequisite/ co-requisite: Psychology 314. Three hours laboratory per week. 1 Hr.

PSYC 316 **Cognitive Psychology**

Scientific study of mental processes involved in the acquisition, storage, retrieval and use of knowledge. This course covers theory and research in cognitive psychology as applied to topics such as attention, memory, language and problem solving. 3 Hrs.

PSYC 320 **Developmental Psychology**

An introduction to developmental processes from conception to old age. The emphasis in the course is on developmental principles, theoretical views and recent research. 3 Hrs.

PSYC 330 **Psychology of Adulthood and Aging**

This course will provide an examination of the factors that contribute to the psychological profile characterizing adulthood and old age, with concentration on old age. Emphasis will be placed on theories and processes underlying continuity and change with age. Field trips to a nursing home will augment class lectures and serve as a basis for discussion of new issues in applied research and service provision for older persons. 3 Hrs.

PSYC 352 **Topics in Psychology**

Intensive consideration of a problem in psychology. The topic for the course will vary from term to term. May be repeated with different subtitles. Prerequisite: Sophomore status or above. 3 Hrs.

PSYC 400 **Advanced General Psychology, I**

A restudy and synthesis of basic psychological principles. Prerequisite: 21 hours of psychology courses and senior status. 2 Hrs.

PSYC 401 **Advanced General Psychology, II**

Consideration of the major areas of psychology from classical positions through contemporary viewpoints. Prerequisite/ co-requisite: Psychology 400. 3 Hrs.

PSYC 404 **Psychopathology in Childhood and Adolesence**

An introduction to the scientific psychological study of behavior disorders in childhood and adolescence. Students will learn to identify the most common manifestations of these disorders and to understand the various current theories of their etiology and dynamics. These disorders will be studied from several different vantages points, including the psychodynamic, family systems, socio-cultural, developmental, and biological. Prerequisites: Psychology 201, 304, and either Psychology 302 or 305 or permission of the instructor. Psychology 320 is strongly recommended. 3 Hrs.

PSYC 406 **Advanced Research Participation**

Experience in psychological research by participation in research programs in conjunction with faculty. At the end of the term, students will present the results of their work. Prerequisites: Psychology 306, 306L and permission of the instructor. Course may not be repeated for credit in the psychology major, but may be repeated one time for general college elective course. 3 Hrs.

PSYC 412 Physiological Psychology

Introduction to the nervous system and internal environment and their effect upon behavior. Normal and abnormal conditions discussed with respect to sensation, learning, emotion and motivation. 3 Hrs.

PSYC 421 Organizational Behavior

An examination of the behavioral aspects of organizations within our society. Specific topics include the interrelationships between the individual and informal and formal groups; group formation, cohesiveness, conformity, norms, interpersonal communications; conflict; authority, power and influence; leadership, motivation and performance. Students may elect this course as Business 421. 3 Hrs.

PSYC 449, 450 Independent Research

Opportunity for independent investigation of topics by means of reading and/or experimentation. First term is devoted to formulating the problem, determining its method of investigation and compiling a bibliography; second term, to collecting the data and writing a report. Prerequisite: Permission of the department; also, Psychology 449 is prerequisite to Psychology 450. 1 Hr., 3 Hrs.

PSYC 452 Directed Readings in Psychology

Independent investigation of a topic through a program of directed readings; oral examination conducted by department members. Admission by permission of instructor. May be repeated. 1, 2 or 3 Hrs.

RELIGION

College study in religion should increase a student's awareness of the scope and variety of the ways human beings seek meaning in life. Courses in this department can aid the student in grasping what any religious heritage means and in evaluating the religious choices which persons and societies continually make.

Major. Requirements for the B.A. degree with a philosophy/religion major are listed on page 127.

RELG 205 The Old Testament (Hebrew Scriptures)

Introduction to the nature of the biblical writings and to methods of Bible study. The history, literature and faith of the people of Israel as seen in the Old Testament. 3 Hrs.

RELG 206 The New Testament

The history, literature and faith of the early Christian community as seen in the New Testament. Students intending to take six hours in the Bible should enroll in Religion 205 prior to Religion 206. 3 Hrs.

RELG 210 Introduction to World Religions

A study of the religions of the world, including prehistoric beginnings. Study will include religions indigenous to North America, Africa, India, China, Japan and the Middle East. Major emphasis will be on Judaism, Christianity and Islam as religions of the West; and Buddhism, Hinduism and Taoism as religions of the East. 3 Hrs.

RELG 306 Prophetic Religion

The prophetic movement in Israel; context and message of major Hebrew prophets and selected minor figures; significance of the prophetic style within present-day society. Prerequisite: Religion 205 or permission of the instructor. 3 Hrs.

RELG 323 The Renaissance and Reformation

A study of the European World during the revolution of the Renaissance and Reformation. While the course focuses on the great cultural and religious issues of the time, it also examines the social, political and economic dimensions of these two revolutionary movements. Prerequisite: History 201 or permission of the instructor. Students may elect this course as History 306. 3 Hrs.

RELG 344 Christian Ethics

Historical and systemic examination of the issues in Christian ethical thought and of the problems of Christian norms for action, with special attention to major contemporary Christian theorists. Recommended: A course in New Testament. 3 Hrs.

RELG 345 Religion in America

Historical analysis of American leaders and movements in religion, with special attention to continuing social and theological problems. Students may elect this course as History 345. 3 Hrs.

RELG 348 The Problem of Evil

This course explores the various response by major religions to the problem of evil. How do theologian make sense of a world where thousands may die from natural disasters in Africa or elsewhere, where a Holocaust, genocide, and ethnic cleansing seem more and more common, and where innocent children suffer and die from diseases like cancer. Specifically, the course looks at Buddhist and Jewish (among others) and especially Christian responses to natural and moral evil, and examines classic and contemporary answers to the theodicy question: if God is good, and God created the world, where did evil come from? Readings are from the Bible, novels, autobiographies, movies, and theological texts. Prerequisite: One philosophy or religion class, or consent of the instructor. 3 Hrs.

RELG 349 Topics in Religion

Concentrated study of a particular person or issue in the field of religion. Topics as proposed will be chosen by the department and approved by the Educational Programs and Curriculum Committee to supplement regular offerings and to cover specialized problems. Course may be repeated for credit with different subtitles. Prerequisite: Religion 205, 206, or 210, or permission of the instructor. 1, 2 or 3 Hrs.

RELG 350 Directed Readings

Faculty-supervised study of an approved topic in religion through selected readings. To be evaluated through a weekly meeting with the instructor and a comprehensive paper. Open to majors in the junior or senior year, with permission of the department. 1–3 Hrs.

SOCIOLOGY

Sociology is the study of group life: its characteristics, changes, causes and consequences. It combines scientific and humanistic perspectives in the study of urban and rural life, family patterns and relationships, social change, intergroup relations, social class, environment, technology and communications, health seeking behavior, as well as social movements and community responses to disasters—natural and created.

Prerequisite. Sociology 203 is prerequisite for SOCI 303,304,316,340, 345 and 425. Sociology 203 or Sociology 205 is a prerequisite for SOCI 350.

SOCI 203 **Principles of Sociology**

Basic concepts and principles of sociology; relationships and meaning of culture, society, personality and interaction; analysis of group structure and social organization. 3 Hrs.

SOCI 205 **Cultural Anthropology**

Comparative study of culture with emphasis on preliterate societies; past and present variation of man and culture. Factors in stability and change and relation of culture to personality. 3 Hrs.

SOCI 250 **Social Issues and Problems**

A sociological consideration of critical issues in contemporary society relating to individual deviation, social disorganization and social change; emphasis on causal factors, societal response and proposed solutions. 3 Hrs.

SOCI 303 **Social Psychology**

Study of the behavior of the individual in society, including attitude formation and measurement, interpersonal perceptions and behavior of the individual in groups. Prerequisite: Psychology 201. Students may elect this course as Psychology 303. 3 Hrs.

SOCI 304 **Marriage and Family**

A study of the family as a social institution; types of family life; changing familial roles in contemporary society. Prerequisite: Upperclass standing or permission of the instructor. 3 Hrs.

SOCI 316 **Women in Society**

An analysis of the female in regard to sex-role stereotyping through an examination of the status of women, cross-cultural role differences and the dynamics of socialization. 3 Hrs.

SOCI 330 **Directed Individual Study**

Independent reading and investigation of the literature relevant to a specific topic in sociology. Prerequisites: Junior or senior standing, permission of the instructor, minimum GPA of 3.000. 1, 2 or 3 Hrs.

SOCI 340 **Social Inequality**

An examination of systems of social stratification; theoretical perspectives on \ stratification and differentiation; the interaction of class and status; consequences of class differences in modern America. 3 Hrs.

SOCI 345 **Racial and Ethnic Minorities**

Analysis of majority-minority group relations and social processes. Study of origins and consequences of prejudice. Focuses on experience of ethnic and racial minority groups in American culture. 3 Hrs.

SOCI 350 **Topics in Sociology and Anthropology**

Investigation of a single topic or area in sociology or anthropology. The topic may vary from term to term. May be taken more than once with different subtitles. 3 Hrs.

SOCI 425 **Urban Sociology**

A study of the genesis, growth and spatial patterns of cities, including an analysis of the distribution and function of metropolises from an ecological perspective. Attention is also given to contemporary urban problems. 3 Hrs.

SPANISH

A foreign language major with an option to choose one language or two languages is offered. Students may choose between French and Spanish. Foreign Language major requirements are listed under Foreign Language, page 87.

Writing-intensive course requirement. The writing-intensive course requirement is met with one course chosen from SPAN 310 and 320.

SPAN 101, 102 **Elementary Spanish I and II**

Presentation of basic grammatical structure with emphasis on correct oral and written use of the language; introduction to the Hispanic civilization. 3 Hrs., 3 Hrs.

SPAN 220 **Intermediate Spanish Grammar and Composition**

Review and more advanced study of the language with emphasis on structure and the written expression of thoughts. Prerequisite: Spanish 101 and 102 or permission of the department. 3 Hrs.

SPAN 230 **Intermediate Spanish Reading and Conversation**

Review and more advanced study of the language with emphasis on oral use and readings of texts. Prerequisite: Spanish 101 and 102 or permission of the department. 3 Hrs.

SPAN 310 **Advanced Grammar and Translation**

A thorough review and expansion of Spanish grammar with emphasis on translation. Prerequisite: Spanish 220 or 230 or permission of the department. 3 Hrs.

SPAN 320 **Advanced Composition**

Application of the principles of Spanish grammar through writing to increase fluency. This course fulfills the writing intensive course requirement. Prerequisite: Spanish 220 or 230 or permission of the department. 3 Hrs.

SPAN 330 **Reading for Comprehension and Vocabulary**

Development of reading skills through the study of various journalistic, historical and literary texts in order to increase vocabulary and enhance comprehension. Prerequisite: Spanish 220 or 230 or permission of the department. 3 Hrs.

SPAN 340 **Advanced Conversation**

Advanced oral training, through discussions, debates and presentations with stress on pronunciation, intonation and correct modes of expression. Prerequisite: Spanish 220 or 230 or permission of the department. 3 Hrs.

SPAN 341 **Spanish Literary Classics**

Major literary works from various periods of Spanish literature chosen for their value as contributions to world literature. Works to be read in original, papers and tests to be written in Spanish. 3 Hrs.

SPAN 349 Commercial Spanish

A study of the structure and style of Spanish business letters, routine messages and communication. Emphasis on commercial, banking and telecommunication terminology. 3 Hrs.

SPAN 350 Hispanic Literature

The study of major literary works with the goal of understanding some of the important cultural, socioeconomic and political ideas that have shaped the societies of Spanish countries. Prerequisite: Spanish 220 or 230 or permission of the department. 3 Hrs.

SPAN 360 Issues of Hispanic Life

The study of cultural, socioeconomic and political issues facing Hispanic cultures as well as the historical trends which have shaped present-day society. Prerequisite: Spanish 220 or 230 or permission of the department. 3 Hrs.

SPAN 370 Topics in Spanish Studies

Course designed to address a specific topic or area of Spanish/Latin American Studies. Topic will be announced the semester preceding the offering. 3 Hrs.

SPAN 372 Elementary Translating

Comparative analysis of translated texts; questions of restructuring texts and adding or subtracting material; style/audience relationship; simple translations from source language to English; sight translation. 3 Hrs.

SPAN 374 Advanced Translating

Study of professional journals in the field of translation; specific problems of source/target language equivalents; expansion of working dictionaries; oral reports on work in progress; translating of substantial text(s) in field of specialization. Texts may be scientific, technical, commercial, scholarly or literary, depending on field of specialization. 3 Hrs.

SPAN 400 Directed Readings in Spanish

Directed study of a topic requiring the use of Spanish-language sources. 1, 2 or 3 Hrs.

SPAN 401 Independent Practicum in Spanish

An independent study of a topic of interest to a student. Projects must require the use of the target language (Spanish). Proposals for study must be approved by the department. 1, 2, or 3 hours.

SPAN 442 Methods and Materials for Foreign Language Teaching

Required for students who wish to teach foreign language at the secondary and/or elementary level. Study of current trends in methodology, resources, materials and strategies applicable to foreign language instruction. 3 Hrs.

CONCENTRATIONS AND PRE-PROFESSIONAL PROGRAMS

CONCENTRATIONS

Requirements for concentrations are listed on the following pages. In general, a concentration from a different area than the major must be completed. There are a few majors, however, which have a required concentration. Concentrations must be approved by the faculty advisor for the student's major. Only one course may be used to complete both a concentration requirement and another graduation requirement.

A student, in consultation with the faculty advisor and other faculty members, may design his or her own concentration. Forms for this purpose are available in the Office of the Registrar. For approval of a self-designed concentration, a student must submit the completed form which has been signed by the faculty advisor and the heads of all departments with courses involved to the registrar, who will obtain final approval from the Curriculum Committee and will then notify the student.

PRE-PROFESSIONAL PROGRAMS

The courses listed on pages 161-162 are recommended for students in any major who wish to pursue professional studies after graduation. Students who plan to apply to professional programs should check the admissions requirements for each school to which they might apply.

DEPARTMENTAL CONCENTRATIONS

Offered for any major in the College

Division of Humanities
American Literature
British Literature
Communications
Corporate Communications
Dramatic Literature
European History
French
German
Journalism
Philosophy
Popular Culture
Religion
Spanish
Theatre
U.S. History
Writing

Division of Business Administration
Business Administration I
Information Systems
Marketing

Division of Natural Sciences and Mathematics
Actuarial Science
Applied Mathematics
Biological Sciences
Chemistry
Human Biology
Mathematics
Mathematics for Critical Thinking

Division of Social Sciences
American Political Studies
Asian Political Studies
Political Science
Psychology
Sociology

Division of Fine Arts
Art
Art History
Music
Music History

MULTIDISCIPLINARY CONCENTRATIONS

Offered for any major in the College

Ancient History
Contemporary Intellectual & Cultural Studies
Environmental Biology
Environmental Chemistry
Environmental Policy
Ethics
European Political Studies
Health Sciences
Intellectual and Cultural Studies
Intellectual History
International Business Environment
Mathematics/Chemistry
Physical Sciences I
Physical Sciences II
Physical Sciences III
Political Economy
Political History
Pre-Law

RESTRICTED CONCENTRATIONS

The following interdisciplinary concentrations are required for the major listed with them and are not open to other majors.

Applied Instrumental Concentration
Instrumental Performance major

Applied Voice Concentration
Voice major

Business Administration II concentration
Accounting major

Secondary Education Concentration
Secondary Education Licensure

Choice between Visual Arts, Comparative Music, Literature or Drama/theatre concentrations
Comparative Arts major

Psychology/Sciences concentration
Music Therapy major

The following interdisciplinary concentrations is not required for the major listed with it but may only be taken by that designated major.

Arts Management concentration
Art, Music or English/drama majors only

DIVISION OF HUMANITIES

American Literature Concentration

ENGL 230	Survey of American Literature	
ENGL 324	19th Century American Literature	
ENGL 328	Modern American Literature	
ENGL 333	Southern Literature	
ENGL 332	African American Literature	
	Total Hours	**15 Hrs.**

British Literature Concentration

ENGL 210	British Literary History I
ENGL 220	British Literary History II

Plus three courses from:

ENGL 309	Chaucer and Medieval Literature	
ENGL 313	Shakespeare	
ENGL 318	The Seventeenth Century	
ENGL 322	The Romantics	
ENGL 326	Modern British Literature	
	Total Hours	**15 Hrs.**

Communications Concentration

COMM 110	Intro to Mass Communications
COMM 200	Public Speaking
COMM 301	Fundamentals of Human Communication
COMM 305	Organizational Communication

Choose one:

COMM 204	Intro to News Writing and Editing	
COMM 207	Nonfiction Writing	
or		
ENGL 207	Nonfiction Writing	
	Total Hours	**15 Hrs.**

Corporate Communications Concentration

COMM 301	Fundamentals of Human Communication	
COMM 303	Persuasion and Communication Campaigns	
COMM 305	Organizational Communication	
COMM 341	Advertising	
COMM 342	Public Relations	
	Total Hours	**15 Hrs.**

Dramatic Literature Concentration

DRAM/ENGL 303	Maj Figures/World Drama: Ancient to Renaissance	
DRAM/ENGL 304	Maj Figures/World Drama: Renaissance to Modern	
ENGL 313	Shakespeare	

Choose one:

DRAM 327	Modern Drama	
DRAM 355	Topics in Dramatic Literature	

Choose one:

DRAM 336	Tragedy	
DRAM 337	Comedy	
	Total Hours	**15 Hrs.**

European History Concentration

HIST 201	The Emergence of the West	
HIST 202	The West in the World	

Plus three courses chosen from:

HIST 303	Ancient Greece	
HIST 304	Ancient Rome	
HIST 305	Medieval History	
HIST 306	Renaissance and Reformation	
HIST 308	19th Century Europe	
HIST 309	Contemporary Europe	
HIST 330	British History	
HIST 331	Russian History	
HIST 332	German History	
	Total Hours	**15 Hrs.**

French Concentration

Complete 15 hours of French coursework, at or above the 200-level.

	Total Hours	**15 Hrs.**

German Concentration

Complete 15 hours of German coursework, at or above the 200-level.

	Total Hours	**15 Hrs.**

Journalism Concentration

COMM 204	Introduction to News Writing and Editing	
COMM 213	Practicum in Communications, Chronicle	
COMM 304	Advanced Writing for the Media	
COMM 310	Broadcast Journalism	

Choose one:

COMM 207	Nonfiction Writing	
ENGL 306	Introduction to Creative Writing	
	Total Hours	**13 to 15 Hrs.**

Philosophy Concentration

PHIL 203	Introduction to Philosophy	
PHIL 204	Introduction to Logic	

Plus three additional philosophy courses or two additional philosophy courses and one religion course

	Total Hours	**15 Hrs.**

Popular Culture Concentration

COMM 110	Introduction to Mass Communications	
COMM 231	Film History and Criticism	
COMM 232	Television History and Criticism	
COMM 351	Film Studies	
ENGL 351	Literature and Film	
HIST 351	History and Film	
HIST 350	Pop Culture and the Consumer Ethic in America	
	Total Hours	**15 Hrs.**

Religion Concentration

RELG 205	Old Testament	
RELG 206	New Testament	
RELG 210	World Religions	

Two 300-level Religion courses

ART 345, Art and Religion, and HIST or RELG 345, Religion in America, and PHIL 220, Philosophy of Religion, can be included

	Total Hours	**15 Hrs.**

Spanish Concentration

Complete 15 hours of Spanish coursework, at or above the 200-level

	Total Hours	**15 Hrs.**

Theatre Concentration

DRAM 103	The Sounds of Standard American English	
DRAM 250	Beginning Action	
DRAM 315	Theatrical Production Technique	
DRAM 317	Practicum in Play Production	
DRAM 350	Advanced Acting	
DRAM 352	Directing	
	Total Hours	**16 Hrs.**

United States History Concentration

HIST 203	The United States to 1877	
HIST 204	The United States since 1877	

Plus three courses chosen from:.

HIST 315	Oral History	
HIST 340	African-American History	
HIST 345	Religion in America	
HIST 346	North Carolina History	
HIST 347	The Old South	
HIST 348	The New South	
HIST 349	The Civil War and Reconstruction	
HIST 352	History of American Journalism	
HIST 350	The American Revolution	
HIST 389	Topics in United States History	
HIST 392	American Women	
HIST 395	Intellectual History of the United States	
	Total Hours	**15 Hrs.**

Writing Concentration

ENGL 207	Nonfiction Writing	
ENGL 306	Introduction to Creative Writing	
ENGL 308	Writing of Poetry	

Plus: Two modern literature courses, 300-level or above

	Total Hours	**15 Hrs.**

DIVISION OF BUSINESS ADMINISTRATION

Business Administration Concentration I

BUSN 115	Introduction to Business	
BUSN 207	Financial Accounting I	
CIST 110	Fundamentals of Microcomputers	

Choose one course:

BUSN 320	Business Ethics	
BUSN 340	Marketing	

Choose one course:

ECON 203	Principles of Macroeconomics	
ECON 204	Principles of Microeconomics	
	Total Hours	**15 Hrs.**

Information Systems Concentration

(Note that many information systems courses are offered at night only)

ISYS 240	Applications Programming I	
ISYS 350	Systems Analysis and Design	
ISYS 370	Database Management systems	

Plus: two additional approved information systems (ISYS) courses.

Marketing Concentration

BUSN 340	Marketing	
BUSN 452	Marketing Management	
BUSN 453	Marketing Research	

Choose two of the following courses:

BUSN 351	Consumer Behavior	
BUSN 420	International Business	
BUSN 353	Promotion Management	
or		
COMM 341	Advertising	
	Total Hours	**15 Hrs.**

DIVISION OF NATURAL SCIENCES AND MATHEMATICS

Actuarial Science Concentration

MATH 121	Calculus I	
MATH 122	Calculus II	
MATH 221	Calculus III	
MATH 206	Statistical Methods	
MATH 303	Linear Algebra	
MATH 405	Intro. to Probability and Mathematical Statistics	
	Total Hours	**20 Hrs.**

Applied Mathematics Concentration

MATH 121	Calculus I	
MATH 122	Calculus II	
MATH 206	Statistical Methods	
MATH 311	Differential Equations	
MATH 405	Introduction to Probability and Statistics	
	Total Hours	**15 Hrs.**

Biological Sciences Concentration

BIOL 103	Principles of Biology	
BIOL 201	Invertebrate Zoology	
BIOL 202	Vertebrate Zoology	
BIOL 204	Botany	
	Total Hours	**16 Hrs.**

Chemistry Concentration

CHEM 111, 111L	Chemistry Principles I & Lab	
CHEM 112, 112L	Chemistry Principles II & Lab	
CHEM 303, 303L	Organic Chemistry I & Lab	
CHEM 305, 305L	Quantitative Analysis & Lab	
	Total Hours	**16 Hrs.**

Human Biology Concentration

BIOL 103	Principles of Biology	
BIOL 111, 111L	Human Anatomy	
BIOL 112	Human Physiology	
BIOL 402	Genetics	
	Total Hours	**16 Hrs.**

Mathematics Concentration

MATH 121	Calculus I	
MATH 122	Calculus II	
MATH 303	Linear Algebra	
MATH 311	Differential Equations	
One more mathematics course, 400-level		
	Total Hours	**15 Hrs.**

Mathematics for Critical Thinking Concentration

MATH 121	Calculus I	
MATH 206	Statistical Methods	
MATH 304	Geometry	
MATH 343	Number Theory	
PHIL 204	Logic	
	Total Hours	**15 Hrs.**

DIVISION OF SOCIAL SCIENCES

American Political Studies Concentration

POLS 201	Introduction to American Politics	

Choose four:

POLS 309	Campaigns and Elections	
POLS 313	Constitutional Law and Judicial System	
POLS 315	Congress and the Presidency	
POLS 320	Ethnic, Minority, and Gender Politics	
POLS 326	Contemporary American Foreign Politics	
POLS 340	Environmental Policy	
	Total Hours	**15 Hrs.**

Asian Political Studies Concentration

POLS 250	Introduction to Comparative Politics	
POLS 305	Asian Politics and Society	
POLS 425	Chinese Politics	
HIST 391	Contemporary Chinese Political History	
Choose one:		
INTS 303	Topics in Developing Countries	
or		
POLS 300	Topics in Political Science	
	Total Hours	**15 Hrs.**

Political Science Concentration

POLS 201	Introduction to American Politics	
POLS 250	Introduction to Comparative Politics	
POLS 270	Introduction to World Politics	
POLS 335	Social and Political Thought	
Choose one:		
POLS 301	European Political Systems	
POLS 303	Latin American Politics	
POLS 306	Developing Political Systems	
	Total Hours	**15 Hrs.**

Psychology Concentration

PSYC 201	General Psychology	
PSYC 302	Theories of Personality	
or		
PSYC 304	Abnormal Psychology	
PSYC 303	Social Psychology	
PSYC 314	Psychology of Learning	
PSYC 320	Developmental Psychology	
	Total Hours	**15 Hrs.**

Sociology Concentration

SOCI 203	Principles of Sociology	
PSYC 303	Social Psychology	
POLS 335	Social and Political Thought	

Plus: Two additional sociology courses at or above the 300-level

	Total Hours	**15 Hrs.**

DIVISION OF FINE ARTS

Art Concentration

ART 101	Introduction to Art	
ART 233	Design Theory	
Choose one:		
ART 215	Ancient to Early Renaissance Art	
ART 216	High Renaissance Art to the Present Time	
Two additional art courses		
	Total Hours	**15 Hrs.**

Art History Concentration

ART 215	Ancient to Early Renaissance	
ART 216	High Renaissance Art to the Present Day	
Choose three from the following:		
ART 307	Art in the United States	
ART 315	Art of the Modern Era, 1870 to Present	
ART 345	Art and Religion in the West	
ART 407	Topics in Art History	
ART 415	Art Since 1945	
	Total Hours	**15 Hrs.**

Music Concentration

MUSC 100	Introduction to Music	
MUSC 103	Theory and Composition I	
MUSC 171	Applied Music	
MUSC 181	Applied Music	
MUSC 185	Ensemble	
MUSC 186	Ensemble	
One music history course, at or above the 300-level		
	Total Hours	**13 Hrs.**

Music History Concentration

MUSC 200	Pop Music in America	
MUSC 319	Study of a Composer	
MUSC 321	Music History and Literature I	
MUSC 322	Music History and Literature II	
MUSC 406	Topics in Music History and Literature	
	Total Hours	**15 Hrs.**

INTERDISCIPLINARY CONCENTRATIONS—OPEN TO ALL MAJORS

Ancient History Concentration

HIST 201	The Emergence of the West	
HIST 303	Ancient Greece	
HIST 304	Ancient Rome	

Choose two courses:

ART 215	Ancient to Early Renaissance Art	
PHIL 230	Ancient & Medieval Western Philosophy	
RELG 205	Old Testament	
RELG 206	New Testament	
RELG 306	Prophetic Religion	
RELG 310	The Book of Revelation	
ENGL 303	Major Figures in World Drama: Ancient Greece to the Renaissance	
	Total Hours	**15 Hrs.**

Intellectual & Cultural Studies Concentration

PHIL 304	Contemporary Western Philosophy	
HIST 309	Contemporary Europe	

Choose one:

ART 315	Art of the Modern Era, 1879 to the Present	
ART 415	Art Since 1945	

Choose one:

HIST 310	Ideas & Imagination in Europe: 1789 to Present	
HIST 361	Ideas & Values in Conflict in History	
HIST 362	Contemporary Ideas & Values	
HIST 363	History of our Time	

Choose one:

DRAM 231	History of Film	
DRAM 233	Television History & Criticism	
ENGL 326	Modern British Literature	
DRAM 327	Modern Drama	

or

ENGL 327	Modern Drama	
ENGL 328	Modern American Literature	
ENGL 350	Contemporary Literature	
	Total Hours	**15 Hrs.**

Environmental Biology Concentration

BIOL 103	Principles of Biology	
BIOL 304	Ecology	
ENVR 201	Physical Geography	
POLS 340	Environmental Politics	
Choose one :		
BIOL 201	Invertrebrate Zoology	
BIOL 204	Botany	
	Total Hours	**19 Hrs.**

Note: This concentration is not available for biology majors.

Environmental Chemistry Concentration

CHEM 111	Chemistry Principles I	
CHEM 112	Chemistry Principles II	
CHEM 305	Quantitive Analysis	
ENVR 201	Physical Geography	
POLS 340	Environmental Politics	
	Total Hours	**19 Hrs.**

Note: This concentration is not available for biology majors.

Environmental Policy Concentration

BIOL 103	Principles of Biology	
ENVR 201	Physical Geography	
POLS 340	Environmental Politics	
Choose one :		
ENVR 101	Introduction to Environmental Science	
CHEM 111	Chemistry Principles I	
BIOL 201	Invertrebrate Zoology	
BIOL 204	Botany	
Choose one :		
BUSN 305	Business Law	
POLS 313	Constitutional Law	
	Total Hours	**19 Hrs.**

Note: This concentration is not available for biology majors.

Ethics Concentration

CORE 410 serves as a core requirement but does not count for credit since this course is required of all students

Choose five courses:

BUSN 320	Business Ethics	
COMM 415	Media and Society	
HIST 361	Ideas and Values in Conflict in History	
HIST 362	Contemporary Ideas and Values	
PHIL 304	Contemporary Philosophy	
PHIL 305	Medical Ethics	
RELG 206	New Testament	
RELG 344	Christian Ethics	
	Total Hours	**15 Hrs.**

European Political Studies Concentration

POLS 250	Introduction to Comparative Politics	
POLS 301	European Politics	
HIST 309	Contemporary Europe	

Choose two courses:

HIST 330	British History	
HIST 331	Russian History	
HIST 332	German History	
	Total Hours	**15 Hrs.**

Health Sciences Concentration

(Required for nursing major; also open to other majors)

BIOL 111,111L	Human Anatomy & Lab	
BIOL 112	Human Physiology & Lab	
CHEM 101,101L	General Chemistry I & Lab	
CHEM 102,102L	General Chemistry II & Lab	

Choose one:

BIOL 120	Medical Microbiology	
PSYC 201	General Psycology	
	Total Hours	**19-20 Hrs.**

Intellectual and Cultural Studies Concentration

Choose one or two courses from each of the following disciplines for a total of 5 courses

Choose one or two:

ART 215	Ancient to Early Renaissance Art	
ART 216	High Renaissance Art to Contemporary Art	
ART 315	Art of the Modern Era	
ART 345	Art & Religion in the West	
ART 415	Art Since 1945	

Choose one or two:

HIST 310	Ideas and Imagination in Europe: 1789 to Present	
HIST 345	Religion in America	
HIST 361	Ideas & Values in Conflict in History	
HIST 362	Contemporary Ideas & Values	
HIST 363	History of Our Time	
HIST 395	Intellectual History of the U.S.	

Choose one or two:

PHIL 203	Introduction to Philosophy	
PHIL 220	Philosophy of Religion	
PHIL 230	Ancient & Medieval Western Philosophy	
PHIL 255	American Philosophy	
PHIL 304	Contemporary Western Philosophy	
	Total Hours	**15 Hrs.**

Intellectual History Concentration

Choose three courses:

HIST 310	Ideas & Imagination in Europe: 1789 to Present
HIST 345	Religion in America
HIST 361	Ideas & Values in Conflict in History
HIST 362	Contemporary Ideas & Values
HIST 363	History of Our Time
HIST 395	Intellectual History of the U.S.

Choose two courses:

PHIL 203	Introduction to Philosophy	
PHIL 220	Philosophy of Religion	
PHIL 230	Ancient & Medieval Western Philosophy	
PHIL 255	American Philosophy	
PHIL 304	Contemporary Western Philosophy	
	Total Hours	**15 Hrs.**

International Business Environment Concentration

BUSN 420	International Business
HIST 202	The West in the World*
POLS 250	Introduction to Comparative Politics

• *can be substituted with permission*

Choose a focus on Europe or developing countries:

***Europe*. Choose two courses from different disciplines:**

ECON 454	International Trade
HIST 309	Contemporary Europe
HIST 330	British History
HIST 331	Russian History
HIST 332	German History
POLS 301	European Politics

***Developing countries*. Choose two courses from different disciplines:**

ECON 454	International Trade
HIST 307	Latin American History
POLS 305	China, Japan, and Korea
POLS 306	Politics of Developing Countries
SOCI 205	Cultural Anthropology

Mathematics/Chemistry Concentration

(Required for Biology–B.A. major; also open to other majors)

CHEM 111,111L	Chemistry Principles I & Lab
CHEM 112,112L	Chemistry Principles II & Lab

Choose two of the following courses:

MATH 105	Finite Mathematics	
MATH 111	Precalculus	
MATH 121	Calculus I	
MATH 122	Calculus II	
MATH 206	Statistical Methods	
	Total Hours	**14 Hrs.**

Physical Sciences Concentration I

(Required for Biology–B.S. major; also open to other majors)

CHEM 111, 111L	Chemistry Principles I & Lab	
CHEM 112, 112L	Chemistry Principles II & Lab	
CHEM 303, 303L	Organic Chemistry I & Lab	
CHEM 304, 304L	Organic Chemistry II & Lab	
PHYS 101	General Physics	
PHYS 102	General Physics	
MATH 121	Calculus I	

Choose one course:

MATH 122	Calculus II	
MATH 206	Statistical Methods	
	Total Hours	**30 Hrs.**

Physical Sciences Concentration II

(Required for biochemistry major; also open to other majors)

PHYS 101	General Physics	
PHYS 102	General Physics	
MATH 121	Calculus I	
MATH 122	Calculus II	
CSCI 131	Computer Science I	
	Total Hours	**17 Hrs.**

Physical Sciences Concentration III

CHEM 111, 111L	Chemistry Principles I & Lab	
CHEM 112, 112L	Chemistry Principles II & Lab	
PHYS 101	General Physics	
PHYS 102	General Physics	
	Total Hours	**16 Hrs.**

Political Economy Concentration

ECON 203	Principles of Macroeconomics	
ECON 355	Capitalism	
POLS 201	American Politics	
POLS 250	Comparitive Politics	

Choose one course:

POLS 303	Latin America Politics	
POLS 305	China, Japan and Korea	
ECON 454	International Trade	
	Total Hours	**15 Hrs.**

Political History Concentration

POLS 250	Introduction to Comparative Politics	
Choose one course:		
HIST 308	19th Century Europe	
HIST 309	Contemporary Europe	
Choose one course:		
HIST 307	History of Latin America	
HIST 391	Topics in World History	
Choose one course:		
POLS 326	Contemporary American Foreign Policy	
HIST 347	The Old South	
HIST 348	The New South	
HIST 349	The Civil War and Reconstruction	
Choose one course:		
HIST 361	Ideas and Values in Conflict in History	
HIST 362	Contemporary Ideas & Values	
HIST 363	The History of Our Times	
	Total Hours	**15 Hrs.**

Pre-Law Concentration

BUSN 305	Business Law I	
HIST 300	Introduction to Research Techniques and Argumentative Writing	
PHIL 204	Logic	
POLS 313	Constitutional Law & Judicial Systems	
Choose two courses:		
BUSN 207	Financial Accounting	
BUSN 315	Business Law II	
COMM 200	Public Speaking	
COMM 207	Non-Fiction Writing	
ECON 203	Principles of Macroeconomics	
HIST 385	Law and Society in America	
PSYC 303	Social Psychology	
SOCI 203	Principles of Sociology	
	Total Hours	**18 Hrs.**

RESTRICTED CONCENTRATIONS (CERTAIN MAJORS ONLY)

Applied Instrumental Concentration

(Required for Instrumental Performance–B.M. majors; not open to other majors)

Applied Instrument courses in a single instrument	**21 Hrs.**

Applied Voice Concentration

(Required for Voice–B.M. majors; not open to other majors)

Applied Voice courses	**21 Hrs.**

Arts Management Concentration

(restricted to majors in art, music and English/drama)

BUSN 115	Introduction to Business	
COMM 110	Introduction to Mass Communication	
BUSN 340	Marketing	
COMM 342	Public Relations	

Choose one course:

BUSN 333	Principles of Management	
COMM 207	Nonfiction Writing	
or		
ENGL 207	Nonfiction Writing	
	Total Hours	**15 Hrs.**

Business Administration Concentration II

(Required for accounting majors; not open to other majors)

BCIS 110	Fundamentals of Microcomputers	
ECON 204	Principles of Microeconomics	
BUSN 320	Business Ethics	
BUSN 340	Marketing	
BUSN 360	Corporate Finance	
	Total Hours	**15 Hrs.**

Psychology/Science Concentration

(Required for music therapy majors; not open to other majors)

PSYC 201	General Psychology	
PSYC 304	Abnormal Psychology	
PSYC 308	The Exceptional Child	
PSYC 320	Developmental Psychology	
BIOL 111, 111L	Human Anatomy & Lab	
Elective in Psychology or other science		
	Total Hours	**20 Hrs.**

Secondary Education(9-12) Concentration

(Restricted to students majoring in biology, English, history, or mathematics and seeking secondary education licensure)

EDUC 221	Introduction to Teaching
EDUC 270	Computers in Teaching
EDUC 310	Educational Psychology
EDUC 345	Content Area Reading (all except mathematics)
EDUC 436	Secondary Methods/Materials
PSYC 210	Introduction to Psychology

PRE-PROFESSIONAL PROGRAMS

Pre-Law **(See Pre-Law concentration, page 167.)**

Pre-Medical/Pre-Dental Program

BIOL 103	Principles of Biology	
BIOL 202	Vertebrate Biology	
CHEM 111, 111L	Chemical Principles I & Lab	
CHEM 112, 112L	Chemical Principles II & Lab	
CHEM 303, 303L	Organic Chemistry I & Lab	
CHEM 304, 304L	Organic Chemistry II & Lab	
PHYS 101	General Physics I	
PHYS 102	General Physics II	
MATH 111	Precalculus	
	Total	**35 Hrs.**

In addition to the above, the following courses are recommended:

BIOL 307	Microbiology
BIOL 401	Comparative Physiology
BIOL 402	Genetics
CHEM 403, 403L	Biochemistry I and Lab
CHEM 404, 404L	Biochemistry II and Lab
MATH 121	Calculus

Pre-Physical Therapy Program

MATH 104	Mathematical Ideas
or	
MATH 111	Precalculus
or	
MATH 121	Calculus I
BIOL 307	Microbiology
or	
BIOL 402	Genetics
or	
BIOL 403	Developmental Biology

Plus:

MATH 206	Statistics	
BIOL 111, 111L	Human Anatomy & Lab	
BIOL 103	Principles of Biology	
BIOL 401*	Comparative Physiology	
CHEM 111, 111L	Chemistry Principles I & Lab	
CHEM 112, 112L	Chemistry Principles II & Lab	
PHYS 101	General Physics	
PHYS 102	General Physics	
PSYC 201	General Psychology	
PSYC 304	Abnormal Psychology	
PSYC 320	Developmental Psychology	
	Total	**47 Hrs.**

* BIOL 112-Human Physiology will satisfy this requirement at some schools.

Pre-Occupational Therapy Program

MATH 104	Mathematical Ideas	
or		
MATH 111	Precalculus	
or		
MATH 121	Calculus I	
Plus:		
MATH 206	Statistics	
BIOL 103	Principles of Biology	
BIOL 111, 111L	Human Anatomy & Lab	
BIOL 112, 112L	Human Physiology & Lab	
CHEM 111, 111L	Chemistry Principles I & Lab	
CHEM 112, 112L	Chemistry Principles II & Lab	
PHYS 101	General Physics	
PHYS 102	General Physics	
PSYC 201	General Psychology	
PSYC 304	Abnormal Psychology	
	Total	**40 Hrs.**

Pre-Veterinary Medicine Program

BIOL 103	Principles of Biology	
BIOL 307	Microbiology	
BIOL 402	Genetics	
CHEM 111, 111L	Chemistry Principles I & Lab	
CHEM 112, 112L	Chemistry Principles II & Lab	
CHEM 303, 303L	Organic Chemistry I & Lab	
CHEM 304, 304L	Organic Chemistry II & Lab	
CHEM 403, 403L	Biochemistry I	
MATH 121	Calculus I	
MATH 206	Statistics	
PHYS 101	General Physics	
PHYS 102	General Physics	
NURS 205	Nutrition	
	Total	**49 Hrs.**

BIOL 300, Cell Biology, and BIOL 410, Comparative Physiology, are strongly recommended.

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